

## **Historic, archived document**

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# MICHELL'S BULBS

## Wholesale Catalogue

7 *Grand  
Tulips*

*Dream*

*Princess Elizabeth*

*Clara  
Butt*

*Centenaire*

*Inglescombe  
Yellow*

*Pride of  
Haarlem*

*Farncombe  
Sanders*

### **BULBS SEEDS • PLANTS**

**SUPPLIES FOR  
FLORISTS AND  
MARKET GARDENERS**



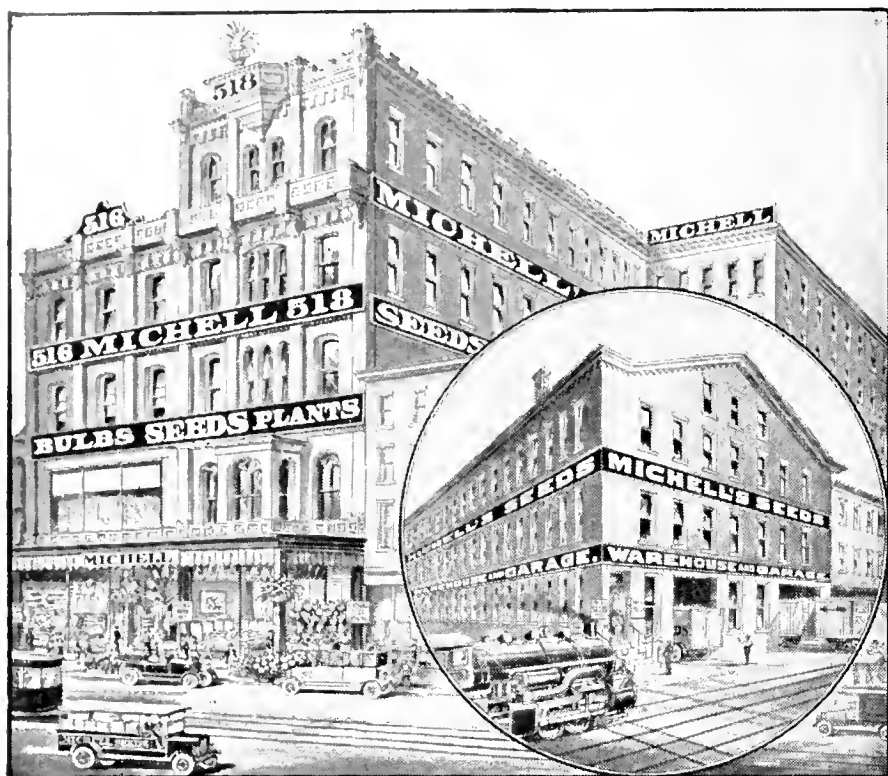
**HENRY F. MICHELL CO.**

516-518 Market St.

PHILADELPHIA, PENNA.

**FALL 1939**

# • IMPORTANT TO CUSTOMERS •



## Please Notice

Orders at prices in this Catalog will be filled only for those engaged in the florist, landscape gardening, and market gardening business, or others entitled to such prices. We reserve the right to refuse to fill orders for others not entitled to these prices.

As a protection to our customers who are entitled to wholesale or florists' prices, we ask that they do not lend this Catalog to persons not entitled thereto. It will save us considerable embarrassment. Tell them to send for our "Seed Book"—free upon request.

## We Welcome Charge Accounts

We invite you to take advantage of a charge account with us. So that no time will be lost in executing your first order, please refer, preferably, to someone in either your own or our line of business with whom you have a charge account. This frequently saves delay.

## Discounts

On bills for Flower Seeds, Vegetable Seeds, and Bulbs, a discount of 2 per cent for payment 10 days from date of bill may be deducted; 5 per cent cash discount is allowed on all orders of Flower Seeds and 3 per cent cash discount on all orders of Vegetable Seeds and Bulbs when remittance accompanies the order, unless on items specially quoted or priced. Cash discount above does not apply to dealers' orders, unless so stated in quotations or otherwise. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

## Conditions of Sales

All contracts, sales, and acknowledgments of orders are contingent upon crop failure, our ability to import and make deliveries in conformity with the "Plant Quarantine Act," partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control, clerical errors included; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order.

## Forwarding Service

We pay postage on all orders for Vegetable and Flower Seeds provided the order calls for packets, ounces, quarter pounds, or pounds (beans, corn, peas and grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage the amount named in connection with the item to the first and second zones; for other zones add additional postage. All postage is charged on dealers' orders regardless of items ordered.

## Parcel Post Rates

On Seeds, Bulbs, Plants or Roots not exceeding eight (8) ounces in weight, the postage charge is 1c. for each two (2) ounces or fraction thereof; on sundries or other merchandise not exceeding eight (8) ounces in weight, the postage charge is 1½c. for each two (2) ounces or fraction thereof. Seeds, Bulbs, Plants, Roots, Sundries, etc., weighing over eight (8) ounces, are sent at zone rates.

If Special Delivery is wanted, an additional 15c. is required on packages weighing up to two (2) pounds—25c. on packages weighing more than two (2) pounds and up to ten (10) pounds—35c. on packages weighing more than ten (10) pounds, which also includes special handling and transportation as first-class mail.

If remittance accompanies order, a sufficient amount should be included to cover the extra charges—if ordered to be sent by either of the methods as stated above.

We do not make shipments of Plants or Cold-Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

## Important Notice

All shipments of plants, perishable stock, and cold-storage bulbs are made at buyer's risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the actual arrival of goods (except at points where there is no Freight or Express agent) will still be continued, and claims for loss or non-arrival of merchandise not perishable will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of goods.

## SPECIAL TELEPHONE SERVICE

**BELL:**  
Lombard 5620 to 5627  
**KEYSTONE:**  
Main 1631-1632



**PARCEL POST CHARGES QUOTED BY US ARE FOR DELIVERY IN THE UNITED STATES ONLY**

**Notice to Customers in Canada and other Countries outside of the United States**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send Post Office Money Order in United States funds or a check or draft on a New York or Philadelphia Bank in par United States funds.

**HENRY F. MICHELL CO., 516 and 518 Market St., PHILA.**

**Warehouses:** 509-11-13 Ludlow St. and American and Dauphin Sts.

**SEEDS** BULBS, PLANTS, GARDEN SUPPLIES, FERTILIZERS  
INSECT DESTROYERS, POULTRY SUPPLIES, ETC.



# Michell's Reliable Bulbs for Fall Planting

**IMPORTANT NOTICE.** We call attention to the fact that Easter in 1940 comes on March 24, and it is important that florists keep this in mind, particularly when planting and handling their bulbous stock.

Our Tulip bulbs are grown in the best districts of Holland, to insure perfect development and full-sized stock. Those who place their orders with us may be sure of getting bulbs that will not only bloom but also prove true to name.

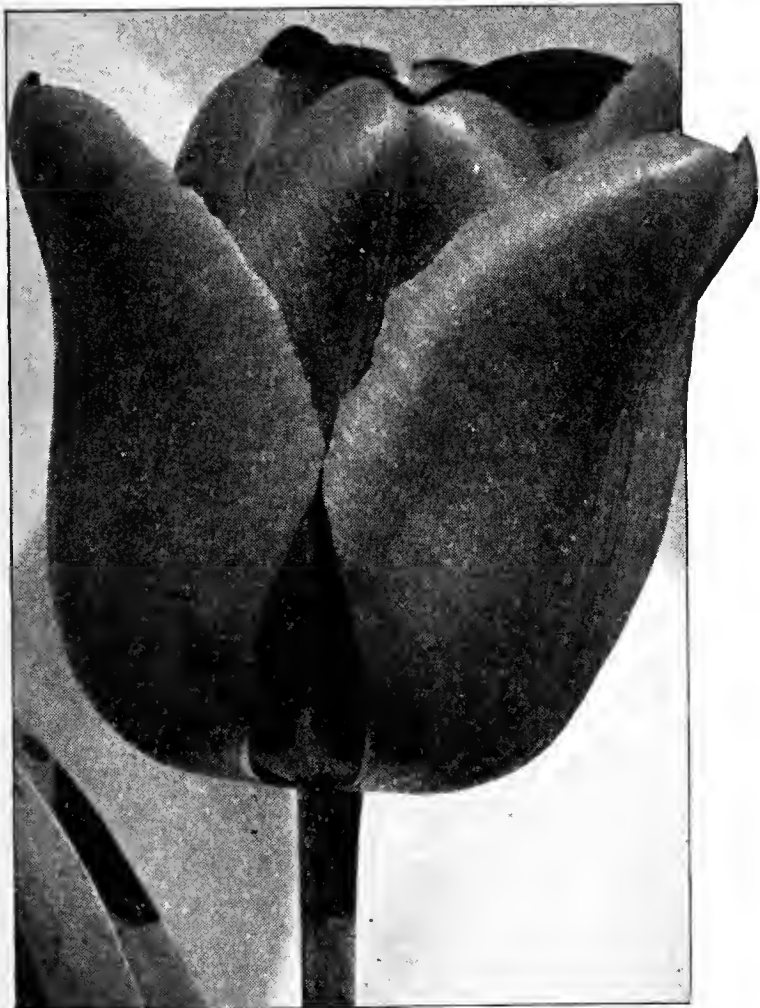
The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters E, F, and G following the variety indicate their relative time of blooming, the E's being the earliest to bloom. The figures indicate the normal height in inches. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

Due to the uncertainty of prices on Tulips and Hyacinths at the time this Catalog goes to press, fixed prices cannot be made. We assure you, however, that when costs will be established, we shall be in line with all large and reputable houses. Our quality will be of the best, and all

Tulips we furnish this season will be top-size bulbs only. Our Hyacinths are strictly up to sizes as specified.

Why not place your order on open account as so many of our customers are now doing? You are assured of **QUALITY, SIZE, RELIABILITY, and PRICE.**

## Michell's Superb Darwin Tulips



Tulip, City of Haarlem

Darwins are the most profitable Tulips for the florist to grow. The long stems on which the flowers are borne make them valuable for cutting.

- Afterglow** (Katherine Havemeyer). F26. Rosy orange, tinted salmon at edges.
- \***Allard Pierson**. E26. Dark crimson-maroon. An early forcing variety.
- \***Baronne de la Tonnaye**. F26. Rose-pink, shading paler toward edges of petals.
- \***Bartigon**. F24. Fiery red; white base. Extra fine for pans.
- \***Bleu Aimable**. F25. Lavender, with white base, starred blue. A good forcer.
- \***Centenaire**. E30. Enormous, rich violet-rose flowers with large blue centers. Excellent for border or for early forcing.
- \***City of Haarlem**. F27. One of the best scarlet varieties. Steel-blue base with white outline.
- \***Clara Butt**. G21. Delicate salmon-pink. Extra-fine forcer; good bedder.
- \***Dream**. G24. Rosy lilac and mauve; blue base.
- \***Farncombe Sanders**. F25. Large, brilliant scarlet flowers.
- Faust**. F30. Dark purple-maroon with blue base.
- Golden Fleece**. F22. Bright yellow petals, slightly tipped brown; black anthers. Medium-sized flowers.
- \***King George V**. F25. Salmon-scarlet, shaded rose; blue base. Excellent for forcing.
- \***La Fiancee**. G30. Deep rose, shading to old-rose, and finally to delicate pink at edges. Extra large, and a fine forcer.

**La Tulipe Noire** (The Black Tulip). G25. Deep maroon-black with a velvety sheen.

- \***Le Notre**. E24. Rose-pink. Very early and a fine forcer.
- \***Lilac Wonder**. F28. A new shade which has not been seen in any Tulip. The flower is clear porcelain-lilac, with a white center, and is borne on a stiff stem.
- \***Matchless** (Roi d'Islande) F27. A rare shade of old-rose. One of the finest for commercial forcing.
- \***Mme. Krelage**. F26. Rosy lilac, with pale silvery margin. Fine forcer.
- \***Pride of Haarlem**. F26. Rosy carmine.
- \***Princess Elizabeth**. F23. Clear pink, changing with age to a deeper shade.
- \***Professor Rauwenhof**. F26. Large, cherry-red with blue star at base.
- \***Rev. H. Ewbank**. F20. Light heliotrope, edged lavender. Very fine.
- \***Rose Copeland**. E27. A sport from William Copeland, with the same forcing qualities. Color, pinkish lavender.
- \***The Bishop**. F30. Large, deep violet, with white center edged blue.
- Venus**. F30. Silvery rose; white base with pale blue ring.
- White Queen**. F24. Pale rose when opening, turning to pure white.
- \***William Copeland**. E24. Delicate lavender.
- \***William Pitt**. E24. Deep crimson, shaded purple on outer petals. Splendid for early forcing.
- \***Yellow Giant**. E28. Large, globular, deep golden yellow flowers on tall, stiff stems.
- \***Zwanenburg**. F28. Large, fragrant, pure sparkling white flowers. Fine forcer.
- Darwin, Mixed**. All colors.

## May-Flowering or Cottage Tulips

Desirable for outdoor planting for a supply of brilliant cut blooms in May. Some varieties are also valuable for forcing.

- \***Albino**. F25. Pure white, graceful flowers. Highly recommended for forcing.
- Ambrosia**. F25. Bright orange, changing to tan; reverse lilac-rose, edged apricot.
- Argo**. F22. Golden yellow, mottled red, passing to reddish brown.
- Avis Kennicott**. G24. A rich, deep shade of yellow, with black base and anthers.
- \***Carrara**. F26. Pure white flowers. Excellent for forcing in pans for mid-March blooms.
- Dido**. G30. Large, deep rich pink flowers, shaded salmon-yellow, with soft orange suffusion at edges of petals; fragrant.
- \***Gesneriana Lutea**. H24. Golden yellow.
- Gesneriana Spathulata**. G24. Rich scarlet; blue-black center.
- Grenadier**. F24. Brilliant orange-red.
- \***Inglescombe Pink**. F24. Salmon-pink.
- \***Inglescombe Yellow**. F20. Bright yellow. Often called "Yellow Darwin."
- John Ruskin**. G18. Apricot-rose, edged pale yellow.
- \***Moonlight**. H24. Canary-yellow.
- \***Mrs. Moon**. H24. Large; golden yellow.
- Orange King**. G24. Glistening deep orange, shaded rose.
- Picotée** (Maiden's Blush). G20. White, with distinct pink-edged border, which suffuses the flower as it ages.
- Rosabella**. G26. Bright rose, shading to lighter at edges, inside petals shell-pink with ivory base.
- May-flowering Tulips, Single, Mixed**.

# The Early Singles bring color when it is needed most

The asterisk (\*) preceding the variety denotes that it is suitable for forcing as well as bedding. The letters A, B, and C following the variety indicate their relative time of blooming, the F's being the earliest to bloom. The figures indicate the normal height in inches. Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

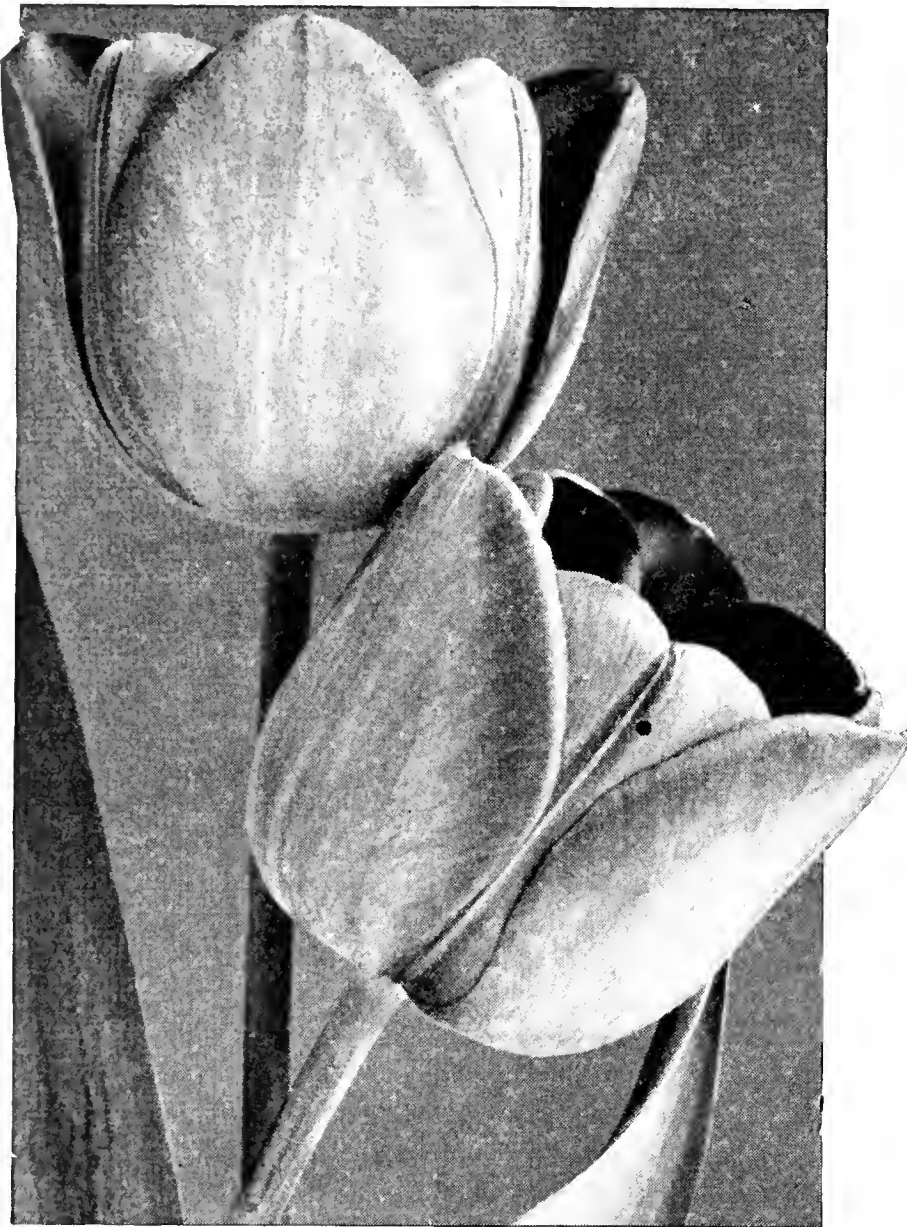
See page 1 for reference to prices on Tulip bulbs

## Early Single Tulips

- \***Belle Alliance.** B8. Rich scarlet. One of the finest forcing and bedding varieties.
- \***Brilliant Star.** A12. Very large vermilion-scarlet flower.
- \***Chrysolora.** B10. The finest golden yellow for bedding; also fine for forcing.
- \***Couleur Cardinal.** C10. Bright scarlet. Fine for forcing or bedding.
- \***Cramoisi Brillant.** C10. Glowing scarlet, with yellow base.
- \***De Wet (Fireglow).** B16. Beautiful golden yellow, flushed and stippled fiery orange-scarlet; sweet-scented.
- \***Flamingo.** B12. Carmine-rose, shaded lighter, with white stripe in center of petals.
- \***Fortuna.** A12. Large, pale satiny lilac-rose flowers on medium tall stems. Excellent forcer.
- \***Fred Moore.** B12. Bright orange; sweet-scented. Fine for forcing.
- \***Iris.** B12. Very large, bright carmine-pink flowers. Popular for cutting and pans.
- \***Keizerkroon (Grand Duc).** B15. Brilliant red, with gold border. Fine for forcing or bedding.
- \***Lady Boreel (Joost van Vondel White).** B12. Pure white blooms of fine form.
- \***Pink Beauty.** B12. Bright cherry-rose, with center of petals striped white.
- \***Prince of Austria.** B12. Orange-scarlet, shading to brick-red.
- \***Rising Sun.** B15. Rich golden yellow. One of the largest Tulips in existence.
- \***Rose Luisante.** C10. Large, deep rose-pink flowers.
- \***Thomas Edison.** B12. Orange-yellow. A sport of Rose Grisdelin.
- \***Van der Neer.** A12. Soft violet-purple. Large, beautifully formed flower. Excellent for forcing or bedding.
- \***Vermillon Brilliant.** B10. Brilliant vermilion-scarlet. Early forcer and good bedder.
- \***White Hawk.** A12. Pure white. Excellent forcer and bedder.
- \***Yellow Prince.** B10. Golden yellow. Fine for early forcing or bedding.

## Early Single Mixed Tulips

**Superfine Quality.** Our mixtures are made up from large-flowering varieties in a wide range of bright colors and will give excellent satisfaction.



Prince of Orange

## Dutch Breeder Tulips

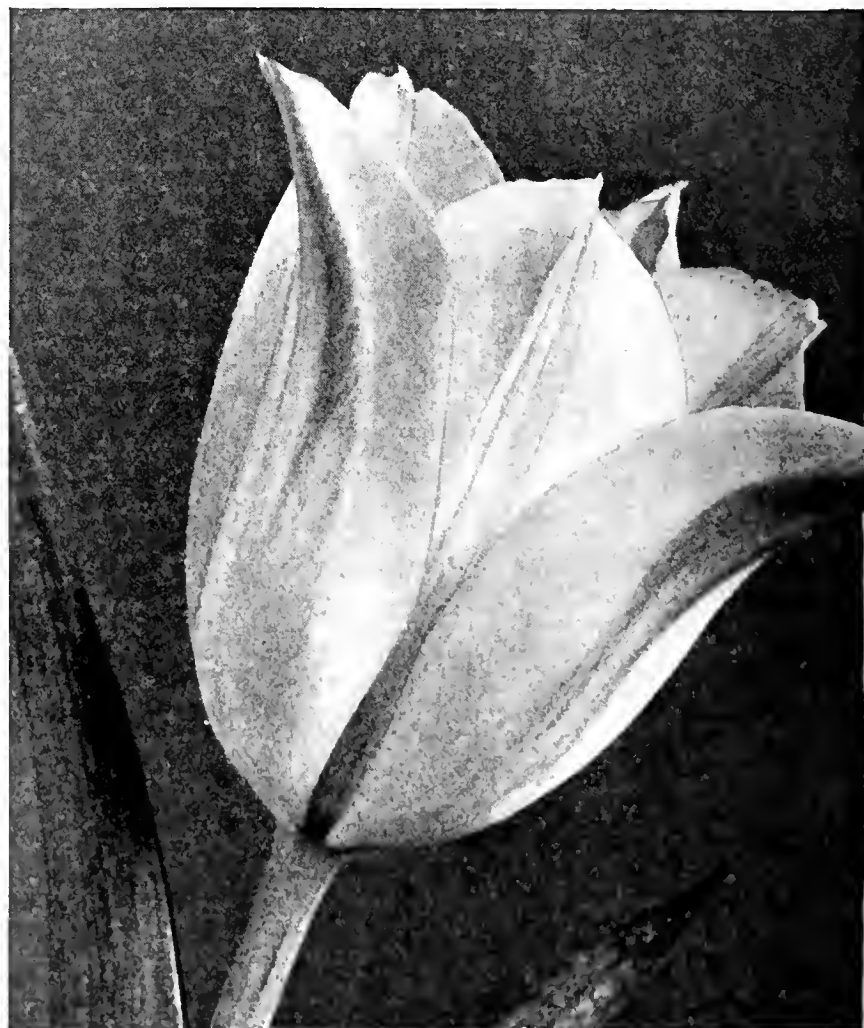
A May-flowering type similar to the Darwins in their tall, strong growth, but an entirely different range of colors, running mostly in shades of bronze, terra-cotta, and buff.

- \***Apricot (Perfection).** B28. Dull bronzy buff, shaded ruddy apricot; olive base.
- \***Bacchus.** A28. Dark violet-blue, base starred white.
- \***Bronze Queen.** B28. Soft buff, inside tinged golden bronze.
- \***Cardinal Manning (Goliath).** B28. Wine-red, flushed rosy brown.
- \***Dom Pedro.** B24. Coffee-brown, shaded maroon; inside mahogany.
- \***Indian Chief.** B34. Deep Indian red, flushed purple, edged brown with age. A fine exhibition variety.
- \***Louis XIV.** B28. Dark purple with broad, golden bronze margin.
- \***Lucifer.** B24. Large; reddish orange.
- \***Panorama (Fairy).** A24. Reddish mahogany with bronze shading.
- \***Pink Pearl.** A28. Lilac-pink; inside rose.
- \***Prince of Orange.** B24. Terra-cotta-brown, shaded yellow.
- \***Yellow Perfection (Old Gold).** A24. Light bronze-yellow, edged and shaded golden yellow.

**Breeder Tulips, Mixed.**

### A Few Don'ts

- Don't** leave bulbs in paper bags or cases when they are damp.
- Don't** plant bulbs in soil in which bulbs have been grown before.
- Don't** put flats or pans on top of the ground after planting.
- Don't** bury the flats or pans in a warm, sunny, too wet or too dry place; choose a cool sunny corner where the soil is sufficiently moist at all times.
- Don't** take the bulbs into the greenhouse unless well rooted and the buds far enough advanced.



Cottage Tulip, Albino

HENRY F. MICHELL CO.



# Botanical Tulips are real garden jewels

The figures following the variety indicate the normal height in inches.  
Tulip bulbs are packed 250 in a bag; please order in units of this number if possible.

See page 1 for reference to prices on Tulip bulbs

## Early Double Tulips

The Double Tulips usually flower a few days later than the Early Single varieties. They are very popular for both bedding and forcing.

- \***Azalea.** B12. Beautiful deep rose, flushed salmon. Excellent for forcing.
- \***Boule de Neige** (Purity). B10. Pure white.
- \***Couronne d'Or** (Crown of Gold). B12. Rich golden yellow.
- \***Electra.** B12. Large, rosy violet-red flower. Fine forcer.
- \***Imperator Rubrorum.** B10. Brilliant scarlet. Extra fine.
- \***Mr. van der Hoef** (Yellow Murillo). A10. Rich golden yellow.
- \***Murillo.** B10. Rose-pink, flushed white.
- \***Mystery of India.** B12. Terra-cotta and orange, slightly shaded old-rose; large, well-formed flower on strong stem.
- \***Orange Nassau.** B12. Bright orange-scarlet, with margin of orange; outer petals shaded cherry-red.
- \***Peach Blossom.** B12. A sport of Murillo. Rosy pink, flushed white.
- \***Tea Rose.** B12. Sulphur-yellow, shading to orange. Extensively used for pots and pans.
- \***Toreador.** A10. Reddish orange, with yellow border.
- \***Triumphator.** B10. A sport from Murillo. Bright, delicate pink. Fine for forcing.
- \***Vuurbaak.** B12. Brilliant orange-scarlet.

## Early Double Mixed Tulips

**Superfine Quality.** A choice mixture of many colors and shades, made up from named sorts, including the more expensive varieties

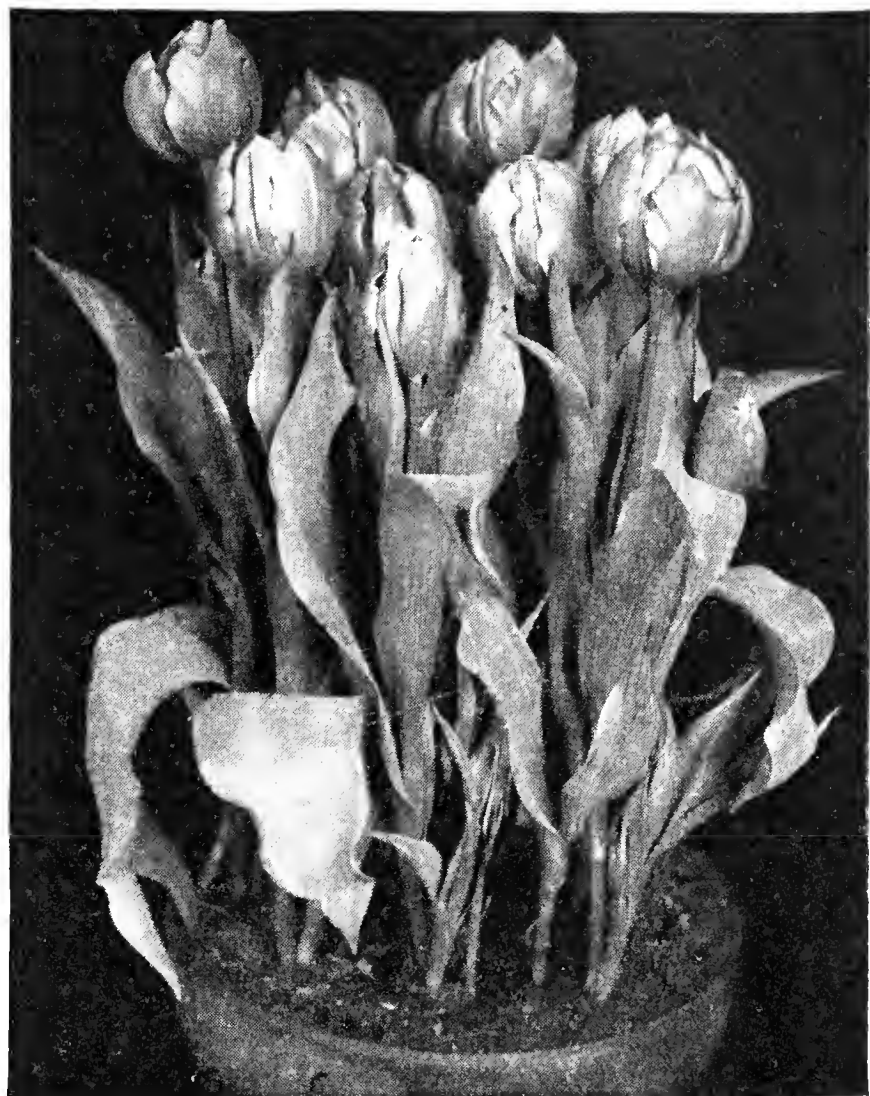
## Botanical or Species Tulips

Botanical or Species Tulips are much in demand for rock-gardens, and florists and landscape gardeners catering to such trade should recommend them at every opportunity. They make excellent combinations when grown with perennials or in front of shrubs or in the border.

- \***Clusiana.** Lady or Candystick Tulip. 8. Outer petals cherry-red; inner petals creamy white, with violet base.
- \***Eichleri.** 11. Immense crimson-scarlet bloom, shaded orange; black center marked with gold.
- \***Kaufmanniana.** 6. Creamy white, tinged carmine. One of the earliest.
- \***Marjoletti.** 12. Soft primrose, shaded carmine-red at base. Early bloomer.
- \***Sylvestris** (*T. florentina odorata*). 7. Rich yellow, fragrant flowers.



Fantasy  
Tulip



Early Double Tulips

## Bunch-flowered Tulips

**Monsieur Mottet.** Ivory-white. Produces 4 to 6 blooms on a stem. An excellent cut-flower variety. Height, 24 in.

## Lily-flowering Tulips

A type now very popular. The varieties, some of which were previously listed among the Cottage Tulips, were obtained by crossing Darwins with Retroflexa Tulips. They bloom at the same time as the Breeders, Cottage, and Darwins. Their long, recurved petals give them a lily-like appearance.

- \***Alaska.** 28. A beautiful, new, pure golden yellow hybrid with long flowers whose outer petals reflex slightly.
- \***Artemis.** 30. Carmine-rose, with pure white base; reflexed petals; long stems.
- \***Sirene.** 20. Beautiful cerise-pink, margined pale pink with white base. A fine forcer.



## Hole-in-One Plant Setter and Bulb Planter

An excellent tool for planting bulbs or transplanting various plants, as it makes the proper size hole with ease. Price, 45c.

## Parrot or Dragon Tulips (Late)

These belong to the late-flowering class, and on account of their peculiar markings and shadings are much in demand. The petals have feathered edges, and, in addition to other colors, combine shades of green.

- \***Fantasy.** 21. Beautiful, true salmon-rose, with ragged edges and fantastically shaped petals, with the outside marked apple-green; erect, long stems.
- \***Sundew** (Crispa). 25. A beautiful cardinal-red variety, with crystal-like fringe. Strong stem.
- \***Parrot Tulips, Mixed.** All colors.

# Michell's Hyacinths

**SPECIAL NOTICE.** We have exercised unusual precaution to see that our growers send us full-size bulbs as listed in centimeters; some offerings are being made at low prices under the headings of **First, Second and Third Size**, without reference to the measurements.

**PLEASE NOTE.** Original packages of Hyacinth bulbs contain the following quantities: First size, 50 bulbs; second size, third size, and miniature, 100 bulbs. If possible, please order in these unit quantities.

As there is a slight variation as to the time of blooming of the various sorts, we have indicated their relative time of flowering by letters following the variety, the A's being the earliest, the D's the latest.

Due to the uncertainty of prices on Hyacinths and Tulips at the time this Catalog goes to press, fixed prices cannot be made. We assure you, however, that when costs will be established, we shall be in line with all large and reputable houses. Our quality will be of the best, and all

Tulips we furnish this season will be top-size bulbs only. Our Hyacinths strictly up to sizes as specified in our list.

Why not place your order on open account as so many of our customers are now doing? You are assured of **QUALITY, SIZE, RELIABILITY, and PRICE.**

## Single Blue Shades

**Bismarck.** A. Flowers large, lighter in color than Grand Maitre. Fine early forcer.

**Grand Maitre.** B. Deep porcelain-blue; large bells and long truss.

**King of the Blues.** D. Deep dark blue. A fine, compact truss. Excellent variety for late forcing.

**Queen of the Blues.** D. Clear silvery or light porcelain-blue bells of medium size, thickly set on a strong stem.

## Single Pink and Rose Shades

**Gertrude.** A. Deep rose-pink. Large, well-filled truss. Excellent for forcing.

**Lady Derby.** A. Clear rose-pink. An excellent forcer.

**Marconi.** B. Rich rose-pink, center flushed white; spike compact and of fine form. Excellent for forcing.

**Queen of the Pinks.** C. Good-sized, bright rose-pink bells; large spike on a sturdy stem. The ideal variety for late forcing.

## Single Scarlet Shades

**La Victoire.** A. Brilliant scarlet. One of the finest red varieties, maintaining its color and excellent for forcing.

**Roi des Belges.** A. Deep scarlet. Sturdy spike and large bells.

## Single White Shades

**L'Innocence.** A. Pure white. Extra-fine truss. Excellent forcer.

**La Grandesse.** C. Pure waxy white bells. The perfect spike is full and long. Excellent for late forcing.

## Single Yellow and Orange Shades

**City of Haarlem.** C. Well-formed, pure golden yellow bells on good spike.

**King of Yellows.** C. A fine spike of perfect form. Orange-yellow bells, heavily set on the stem.

**Yellow Hammer.** A. An excellent variety for pot-culture. Compact spike well set with creamy yellow bells.

## Sizes We Offer in the Above

**Monster Size** (19 cm. up). We offer the largest or top-root bulbs that will produce extra-large, well-filled spikes.

**First Size** (18-19 cm.). Especially desirable for growing in pots or glasses, or for high-grade bedding.

**Second Size** (17-18 cm.). These are ideal for bedding; also well adapted for forcing in pots or pans.

**Third Size** (16-17 cm.). Extra-large, just the grade for the florist whose trade demands moderately priced bulbs. Excellent for either forcing or bedding.

## Hyacinth Glasses

A few Hyacinths started in these Glasses will increase your sales wonderfully. We offer them in assorted colors.

**New Style.** In the following colors Amber, Blue, Green, Rose, and Each Doz.  
White.....\$0 35 \$3 75

## Hyacinth Stakes, Wood, Dyed Green

Used for staking tulips, hyacinths, etc.

	100	1000	5000	10,000
12-in.....	\$0 25	\$1 00	\$4 75	\$9 00
15-in.....	30	1 15	5 50	10 50
18-in.....	35	1 40	6 50	12 50

## Lightning Wire Plant Tie

Takes the place of twine; can be used more quickly and many times. \$2.00 per 1000; per 5000, \$9.50; \$18.00 per 10,000.



Hyacinth, Gertrude

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool, dry place.

**HENRY F. MICHELL CO.**

# Michell's Bulbs are always a success

**PLEASE NOTE.** Original packages of Hyacinth bulbs contain the following quantities: First size, 50 bulbs; second size, third size and miniature, 100 bulbs. If possible, please order in these unit quantities.

*If Roman Hyacinth bulbs are wanted by Parcel Post, add 10c. per doz., 40c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage*

See page 5 for reference to prices on Hyacinth bulbs

## Dutch Miniature Hyacinths

(14-15 cm.)

Excellent for growing in pots, pans, or boxes. Valuable for designs and centerpieces.

**City of Haarlem.** Pure golden yellow.  
**Gertrude.** Deep pink.  
**Grande Maitre.** Deep porcelain-blue.  
**King of the Blues.** Deep blue.  
**King of Yellows.** Orange-yellow.  
**Lady Derby.** Clear rose-pink.  
**L'Innocence.** Pure white.  
**La Grandesse.** Pure white.  
**La Victoire.** Beautiful bright scarlet.  
**Marconi.** Rich rose-pink.  
**Queen of the Blues.** Silvery blue.  
**Queen of the Pinks.** Rose-pink.  
**Roi des Belges.** Deep scarlet.  
**Yellow Hammer.** Pure yellow.

### Special Note

We call the attention of our customers to the fact that bulbs of the Dutch Miniature Hyacinths we offer are 14 to 15 cm. Therefore, please do not compare our prices with those that may be offered in smaller sizes and at lower prices.

## French Roman Hyacinths

These are very useful for those who grow for their own cut-flower work and are excellent for design work.

	Doz.	100	1000
<b>White.</b> 11 to 12 cm. ....	\$0 70	\$4 75	\$41 00
<b>White.</b> 12 to 15 cm. ....	80	5 75	51 00
<b>White.</b> 13 to 15 cm. ....	1 00	7 00	65 00
<b>White.</b> 14 to 15 cm. ....	1 25	8 50	77 50
<b>Light Blue.</b> .....	70	4 75	42 00
<b>Light Pink.</b> .....	75	5 00	45 00

### How to Prevent Hyacinth Flowers from Splitting or Popping

When removing Hyacinths from outside pits into the greenhouse, be sure that they are moved quickly and pots covered at all times, to prevent exposure to low temperatures. If this is not done during this period, the flower-spikes will either appear split or will blast, ruining your crop. Be sure that any change in temperature that you make is gradual; otherwise you will encounter the above conditions.

# Michell's Reliable Narcissus Bulbs

## AMERICAN-GROWN

We offer the best bulbs grown, all produced by the largest and most reliable growers in this country. The quality and size we furnish at reasonable prices should not be compared with cheap and inferior grades often offered, results of which are always questionable. You cannot afford to speculate with your crops. Procure your bulbs from us and be safe.

The letters following the varieties indicate their relative time of flowering, the A's being the earliest to bloom, the C's the latest.

*If Narcissus bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage*

## Single Narcissus

### Giant Trumpet Varieties

<b>Emperor.</b> C. Pure yellow trumpet; primrose perianth.	Doz.	100	1000
First-size bulbs.....	\$0 65	\$4 50	\$40 00
Monster bulbs.....	80	5 75	52 50
<b>Empress.</b> C. White perianth; yellow trumpet.			
First-size bulbs.....	65	4 50	40 00
Monster bulbs.....	75	5 50	50 00
<b>Glory of Sassenheim.</b> B. White and yellow...	80	5 75	52 50
<b>Golden Spur.</b> B. Yellow. Extra fine for early forcing.			
First-size bulbs.....	65	4 50	40 00
Monster bulbs.....	75	5 50	50 00
<b>King Alfred.</b> B. Golden yellow. Excellent for cut-flower purposes.			
First-size bulbs.....	75	5 50	50 00
Monster bulbs.....	1 10	7 25	65 00
<b>Minister Talma.</b> A. Large; bright yellow. Early forcer.....	80	6 00	55 00
<b>Mrs. E. H. Krelage.</b> B. Often referred to as the "White King Alfred." Pure white perianth, creamy white trumpet.....	1 50	10 00	90 00
<b>Olympia.</b> B. Large yellow.....	1 10	7 50	68 00
<b>Spring Glory.</b> B. Perianth white; trumpet yellow.....	75	5 50	50 00
<b>Tresserve.</b> B. Very large; light yellow.....	90	6 00	55 00
<b>Van Waveren's Giant.</b> B. Primrose perianth; bright yellow trumpet.			
Monster bulbs.....	1 50	10 00	90 00
<b>Victoria.</b> C. Perianth creamy white; trumpet yellow.			
First-size bulbs.....	65	4 50	40 00
Monster bulbs.....	75	5 50	50 00
<b>W. P. Milner.</b> C. Sulphur trumpet.....	1 50	10 00	90 00



Giant Trumpet Narcissus



## Urge early planting of Narcissus Bulbs

### Medium Trumpet Narcissus

<b>Conspicuous.</b> Barri. C. Perianth yellow; dark yellow cup, edged scarlet.	Doz.	100	1000
	\$0 65	\$4 50	\$40 00
<b>Cræsus.</b> Incomparabilis. Perianth primrose-yellow, with thick overlapping petals; an unusually large crown of deep orange-red completes this picture.	1 00	7 00	65 00
<b>Diana Kasner.</b> Barri. B. Pure white perianth; large, fluted yellow cup, with blood-red frill. Very free flowering. Excellent forcer.	1 00	7 00	65 00
<b>Lucifer.</b> Incomparabilis. C. Perianth white; trumpet orange-scarlet.	75	5 25	46 00
<b>Sir Watkin.</b> Incomparabilis. C. Sulphur-yellow; cup tinged with orange.	65	4 75	42 50
<b>White Lady.</b> Leeds. C. White perianth; canary-yellow cup.	65	4 50	40 00

### Narcissus Triandrus

These are the Cyclamen-flowered Daffodils, with reflexing perianth and the flowers more or less drooping and of elegant form.

<b>Angels Tears</b> ( <i>N. triandrus albus</i> ). C. Creamy white trumpet which points down, while the sharply recurved petals point upward. Flowers are very dainty. Prefers a gritty soil between rocks.	Doz.	100	1000
	\$0 85	\$6 00	\$55 00
<b>Thalia.</b> Orchid-flowered Narcissus. C. The sensation of recent flower shows, 3 to 4 blooms being produced on a sturdy stem. They are a gorgeous white and their arrangement reminds one of orchids. Excellent for February forcing.	2 00	14 00	130 00



### Poet's and Poetaz Narcissus

<b>Poetaz, Cheerfulness.</b> C. Excellent double-flowering type. A real double white with a faint suggestion of pale yellow at base.	Doz.	100	1000
	\$1 00	\$7 00	\$65 00
<b>Poetaz, Elvira.</b> B. Pure white; delicate yellow cup.	75	5 00	45 00
<b>Poetaz, Helios.</b> C. Creamy yellow; pure yellow cup.	75	5 50	50 00
<b>Poetaz, Laurens Koster.</b> B. Pure white; orange-yellow cup.	75	5 00	45 00
<b>Poetaz, Orange Cup.</b> C. Creamy white; cup orange.	1 00	7 00	65 00
<b>Poeticus, Horace.</b> Perianth pure white; conspicuous red eye. Free flowering. Strong stem. An excellent cut-flower.	65	4 50	40 00
<b>Poeticus ornatus.</b> C. White and scarlet. Mammoth blooms.	65	4 50	40 00
<b>Poeticus ornatus maximus.</b> Extremely broad, overlapping petals, recurving from typical Pheasant's-Eye cup. Unsurpassed for naturalizing.	75	5 50	50 00

### Narcissus, Double Varieties

<b>Alba Plena Odorata.</b> A. Double; white.	Doz.	100	1000
	\$0 65	\$4 50	\$40 00
<b>Orange Phoenix.</b> C. White, orange center.	75	5 50	50 00
<b>Primrose Phoenix.</b> C. Primrose-yellow.	90	6 50	60 00
<b>Twink.</b> A. One of the most promising varieties. A double of the semi-full type, the petals alternating a soft primrose and clear orange. Very attractive and an easy forcer.	1 75	12 00	
<b>Von Sion.</b> C. Golden yellow.			
First-size bulbs.	60	4 00	36 00
Monster bulbs.	75	5 25	48 00

### Narcissus in Mixture

We offer an excellent mixture which can be depended on for best results. Extra-large bulbs, 60c. per doz.; per 100, \$4.25; \$37.50 per 1000.

### Jonquils

These are perfectly hardy and are suitable for either outdoor planting or forcing. They are delightfully fragrant and are worthy of extensive cultivation.

<b>Campernelle rugulosus.</b> 18. Single; yellow; larger than the plain Campernelle.	Doz.	100	1000
	\$60	\$4 00	\$35 00
<b>Golden Sceptre.</b> 20. Elegant flowers on long stems; rich golden yellow; sweet-scented.	75	5 50	50 00
<b>Double</b> ( <i>N. odoratus plenus</i> ). 12. Flowers very double, deep golden yellow.	70	5 00	45 00
<b>Single.</b> 12. Rich yellow; very fragrant.	60	4 00	37 50

If Narcissus bulbs are wanted by Parcel Post, add 10c. per doz., 30c. per 100 for postage, to the First and Second Zones; for other Zones, please add additional postage.

In order to obtain best results, all bulbs should be unpacked immediately upon arrival and either planted at once or stored in a cool, dry place.

### Narcissus, Polyanthus Varieties

<b>MICHELL'S BIG BLOOM PAPER-WHITE.</b>	Doz.	100	1000
First size, 13 cm. up.	\$0 30	\$2 00	\$15 00
Mammoth, 14 cm. up.	40	2 50	18 00
Monster, 15 cm. up.	50	3 00	24 00

Write for prices on larger quantities of Big Bloom Paper-White Narcissus

<b>Grand Soleil d'Or.</b> Golden Chinese Lily. Rich yellow with orange-red cup.	Doz.	100	1000
14 cm. up.	\$65	\$4 50	\$40 00
15 cm. up.	75	5 50	50 00

NOTE. If Polyanthus Narcissus are to be grown in water, they will flower more satisfactorily if not started until late, thus giving the bulbs time to become thoroughly ripened and cured.

### Pebbles for Polyanthus Narcissus

8c. per qt.; per doz. qt. pkgs., 85c.; \$6.50 per 100; 50 at 100 rate. In bulk, 55c. per pk.; bus., \$2.00; \$4.00 per bbl. sack.

### Pearl Chips for Bulb Bowls, Etc.

**White or Assorted Colors.** 8c. per pkg.; 6 pkgs., 45c.; 85c. for 12 pkgs.; 25 pkgs., \$1.50; \$5.50 per 100 pkgs.

**White.** In bulk. 10 lbs., 70c.; \$1.25 for 25 lbs.; 100 lbs., \$4.50.

**Assorted Colors.** In bulk. 10 lbs., 85c.; \$1.75 for 25 lbs.; 100 lbs., \$6.00.

Monster Narcissus bulbs will be supplied in all varieties except where specified. Bear in mind that the sizes vary according to the characteristics of the variety.



# Michell's Superb Easter Lily Bulbs

Our house is among the largest direct importers of Easter Lily bulbs, and we are particular as to quality and grading. All are of standard packing and selected from best cultures.

*EASTER IN 1940 comes on March 24*

## Lilium Harrisii, Michell's "Special Brand"

These are the cream of the Bermuda Lily crop, being a selection of bulbs from the most uniform plants. Our Harrisii last season gave the best of results, and our growers assure us the same quality for this season. We recommend this Lily for early spring flowering.

Size	Bulbs per case	Doz.	100	Case
6 to 7 in.	335	\$1 25	\$8 00	\$20 00
7 to 9 in.	200	1 75	12 00	20 00
8 to 10 in.	150	2 25	15 00	20 00
9 to 11 in.	100	3 00	20 00	20 00

## Lilium Giganteum (Ready in October)

**Michell's special forcing brand. True Northern mountain grown.** Grown for us by the most reliable Lily-growers.

**Southern-grown.** This type is taller growing than our regular brand of Giganteum and produces larger blooms. It is recommended for early flowering, and should be followed by our regular brand for later crops.

## Lilium Erabu (Ready in October)

## Lilium Formosum (Dark-Stem Type)

ERABU ISLE-GROWN. Ready in October

Sizes and bulbs per case on the above four varieties.

6 to 8 in.	400	9 to 10 in.	200
7 to 9 in.	300	10 to 12 in.	150
8 to 10 in.	225		

Prices on all the above will be established later

## Hardy Lilies

### Special Notice Regarding Delivery

Most of the varieties listed below will arrive in time for fall planting, but it often happens that some of the varieties reach us too late. These orders will be held for early spring delivery. When ordering please specify if you desire fall or spring delivery.

It is advisable to prepare your Lily-bed in the early autumn and cover with 3 to 4 inches of litter, which will prevent freezing and will permit safe planting of the late arrivals.

<b>Auratum.</b> Golden-banded Lily	} Prices will be established later
<b>Speciosum album (praecox).</b> Pure white	
<b>Speciosum magnificum.</b> Rich crimson	
<b>Speciosum Melpomene.</b> Pink spotted red	
<b>Speciosum rubrum or roseum.</b> Pink	

We can supply the above in 8 to 9-in., 9 to 11-in., and 11 to 13-in.

	Doz.	100
<b>Tigrinum flore-pleno.</b> Double	\$1 50	\$10 00
<b>Tigrinum splendens.</b> Single	1 75	12 00

## Miscellaneous Hardy Lilies

The hardy native Lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
<b>Batemanniæ.</b> Orange-red	\$2 00	\$13 00
<b>Canadense.</b> Bright yellow	1 75	12 00
<b>Canadense rubrum.</b> Red	2 00	14 00
<b>Davuricum.</b> Upright scarlet flowers	2 25	15 00
<b>*Elegans, Mixed.</b> Shades of orange	1 75	12 00
<b>Hansonii.</b> Reddish orange	3 50	25 00
<b>Henryi.</b> Orange-yellow	2 00	14 00
<b>Krameri.</b> Blush-pink	2 25	15 00
<b>Macranthum (L. auratum platyphyllum).</b> Giant Golden-banded Lily	2 00	14 00
<b>Martagon.</b> Light purple flowers with dark spots	2 50	18 00
<b>Superbum.</b> Orange-red	2 25	15 00
<b>*Umbellatum.</b> Orange-scarlet	2 25	15 00

Please note that above Lily bulbs are shipped upon arrival. We shall be glad, however, to retain them in cold storage for your account for shipment as you desire, at a cost of 20c. per case, per month, commencing January 1.



Lilium giganteum

## Regale Lily · Lilium Myriophyllum

	Doz.	100	1000
6 to 7 in.	\$1 00	\$6 00	\$52 50
7 to 8 in.	1 25	7 00	65 00
8 to 9 in.	1 50	9 00	80 00
9 to 10 in.	2 00	12 50	115 00
10 to 11 in.	3 00	17 50	165 00

**\*Tenuifolium.** Coral Lily. Plants reach a height of 1½ feet, with clusters of brilliant scarlet, star-like flowers on wiry stems. Grows very easily in a well-drained pocket in the rock-garden. 75c. per doz.; per 100, \$5.00; \$45.00 per 1000.

## Lilium Philippinense Formosanum

### AUTUMN-FLOWERING TYPE

This is an ideal Lily for growing under glass or in the garden or nursery. It blooms profusely and its very fragrant, pure white flowers resemble an Easter Lily. The outside of the bloom, when first opening, is slightly colored with reddish brown; this coloration fades as the flower matures. Large bulbs, 85c. per doz.; per 100, \$6.00; \$55.00 per 1000.

## Lilium Candidum

### Madonna, Annunciation, or St. Joseph's Lily

We wish to lay particular stress on the quality of our *Lilium candidum*, which are larger and better than usually sold. They produce plants of strong, healthy growth, free from disease, and bearing an abundance of thick-petaled flowers.

	Doz.	100	1000
<b>Selected Bulbs,</b> 20 to 22 cm.	\$1 25	\$8 00	\$70 00
<b>Mammoth Bulbs,</b> 22 to 24 cm.	1 50	9 50	85 00
<b>Monster Bulbs,</b> 24 to 26 cm.	2 00	12 00	110 00
<b>Jumbo Bulbs,</b> 26 to 28 cm.	2 50	16 00	150 00

## Cold-Storage Lilies

We carry a complete line of all Lilies in cold storage. Let us quote you on your requirements.

# Michell's High-Grade Bulbs for Florists

## Amaryllis

Ready in November or December

If wanted by Parcel Post, add 20c. per doz. for postage

**Giant American Hybrids.** We believe this is the finest race of Amaryllis in cultivation. Flowers are of enormous size, fine form, and of a great diversity of colors. They make splendid pot-plants for store sales, and when in bloom sell on sight at a good price. We offer mixed colors only. \$4.00 per doz.; per 100, \$30.00.

## Anemone (Ready in October)

Excellent for cut-flowers and sells readily with any florist who has a store trade. On arrival of bulbs, soak them in lukewarm water for from 12 to 18 hours before planting. Use virgin soil that is not heavy and which has been lightly mulched with peat moss. Plant in deep bulb-pans or flats, allowing about 2 inches each way; water sparingly until well established and carry over in a deep coldframe; bring into a 45° greenhouse about the middle of January and let them develop slowly.

**Do not attempt** to force or over-water. Grown in this way they should flower the latter part of March or early in April.

	Doz.	100	By P.P.	1000
<b>Blue Poppy.</b> A choice selection of blue shades. Large, thick-petaled, poppy-shaped blooms on long stems appear at a time when this color is scarce....	\$0 40	\$3 00	\$3 15	\$25 00
<b>DeCaen.</b> Single French. Mixed colors...	35	2 50	2 65	18 00
<b>His Excellency.</b> Large-flowering Poppy Anemone. Deep scarlet; thick petals; long stems.....	40	3 00	3 15	25 00
<b>St. Brigid.</b> Semi-double; various colors.	40	3 00	3 15	25 00
<b>The Bride.</b> (New.) Large, pure white flowers with white centers.....	50	3 50	3 65	30 00

## Aconite

	Doz.	100	By P.P.	1000
<b>Winter</b> ( <i>Eranthis nivalis</i> ).....	\$0 30	\$1 75	\$1 90	\$14 00

## Calochortus • Mariposa Tulip; Butterfly Tulip

Our mixture comprises all the pleasing shades: pink, rose, white, lavender, and primrose.

	Doz.	100	By P.P.	1000
<b>Mixed Colors</b> .....	\$0 50	\$3 50	\$3 65	\$32 50

## Chionodoxa • Glory-of-the-Snow

	Doz.	100	By P.P.	1000
<b>Luciliae.</b> Porcelain-blue.....	\$0 25	\$1 50	\$1 60	\$12 00
<b>Sardensis.</b> Deep blue.....	30	1 75	1 85	14 00



Baby Calla

## Begonias, Tuberous-rooted

Ready in January

Very choicest giant-flowering type.

If wanted by Parcel Post, add 10c. per doz.; 20c. per 100 for postage

### Single Frilled Begonias (Large Bulbs)

<b>Crimson Scarlet</b>	<b>Orange White</b>	<b>Pink and Rose Yellow</b>	<b>Salmon Mixed</b>
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### Double Camellia-flowered Begonias (Large Bulbs)

<b>Crimson Scarlet</b>	<b>Orange White</b>	<b>Pink and Rose Yellow</b>	<b>Salmon Mixed</b>
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### Double Carnation-flowered Begonias (Large Bulbs)

A beautiful frilled type with serrated edges.

<b>Orange White</b>	<b>Pink and Rose</b>	<b>Salmon Yellow</b>	<b>Scarlet Mixed</b>
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### Begonia, Hanging-Basket Type

Unsurpassed for vases, hanging-baskets, porch- and window-boxes.

#### Mixed Colors

At the time this catalogue goes to press definite prices on Begonia bulbs have not been established. Prices will be quoted on application

## Brodiaeas

A small bulb producing grassy leaves near the ground and small, waxy flowers in shades of blue and purple, on slender, stiff stems.

	Doz.	100	By P.P.	1000
<b>Choice Mixed</b> .....	\$0 50	\$3 25	\$3 40	\$27 50

## Fancy-Leaved Caladiums

Ready in January

We list only the best named standard and newer sorts, including the choicest of the Brazilian types, and cover a wide range of the brightest colorings and markings which are difficult to describe accurately. The bulbs should be started in damp moss with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

**NOTE.** It often happens that the finest-colored varieties do not produce the largest bulbs. You can depend on our bulbs for best results.

If wanted by Parcel Post, add 10c. per doz., 25c. per 100 for postage

	Doz.	100	1000
<b>Extra-Fancy Highly Colored Named Varieties</b> .....	\$1 75	\$12 00	\$110 00
<b>Mixed Varieties.</b> An assortment especially blended for us.....	1 50	10 00	90 00

## Calla Lilies

If Callas are wanted by Parcel Post, add 20c. per doz. for postage, to the First and Second Zones; for other Zones, please add additional postage.

### White Baby Calla

A pure white midget variety, a miniature of the Godfrey. Stems 10 to 15 inches tall. A prolific bloomer throughout the winter. \$1.75 per doz.; per 100, \$13.00.

### White Calla (Aethiopica) (Ready now)

	Doz.	100	1000
Clean, healthy bulbs.			
1 1/4 to 1 1/2 in. diam.....	\$0 75	\$4 50	\$40 00
1 1/2 to 1 3/4 in. diam.....	1 50	9 00	85 00
1 3/4 to 2 in. diam.....	2 00	13 00	120 00
2 to 2 1/2 in. diam.....	2 50	18 50	175 00

### Yellow Calla (Elliottiana) (TRUE)

Ready in October

	Doz.	100	1000
<b>Mammoth bulbs,</b> 2 to 2 1/2 in. diam.....	\$1 50	\$10 00	\$90 00
<b>Monster bulbs,</b> 2 1/2 to 3 in. diam.....	2 00	14 50	135 00
<b>Jumbo bulbs,</b> 3 to 3 1/2 in. diam.....	3 25	24 00	225 00

### Spotted Calla (Ready in October)

Flowers white. Foliage green, spotted white.

	Doz.	100	1000
<b>Large Bulbs</b> .....	\$1 50	\$10 00	\$95 00

HENRY F. MICHELL CO.

## MICHELL'S MISCELLANEOUS BULBS AND ROOTS

### Crocus

If wanted by Parcel Post, add 15c. per 100 for postage

<b>Agnes.</b> Large, pale china-blue flowers with white eyes.	Doz.	100	1000
	\$0 25	\$1 65	\$13 00
<b>Baron von Brunow.</b> Blue	25	1 65	13 00
<b>Cloth of Gold.</b> Yellow	25	1 65	13 00
<b>King of the Blues.</b> Purple	25	1 65	13 00
<b>L'Innocence.</b> Stem and giant blooms pure white.	25	1 65	13 00
<b>Purpurea Grandiflora.</b> Rich purple	25	1 65	13 00
<b>Remembrance.</b> Dark lavender-blue	25	1 65	13 00
<b>Striped Beauty.</b> Extra large, white flower, evenly striped dark mauve.	25	1 65	13 00
<b>Yellow.</b> Monster bulbs. Extra-large	30	2 00	16 00
Mammoth bulbs	25	1 65	13 00
First-size bulbs	20	1 25	10 00
<b>Mixed.</b> All colors	20	1 25	9 00
<b>Giant Named, Mixed</b>	30	1 75	15 00

### Autumn-Flowering Crocus

<b>Colchicum autumnale.</b> This variety will bloom without soil or water by placing it in the sun in a dish or saucer. Lavender-colored flowers. An excellent novelty for counter trade.	Doz.	By P.P.	100
Extra-large bulbs	\$3 00	\$3 15	\$22 50
<b>Sativus.</b> Purple-lilac flowers feathered violet; orange anthers	40	50	3 00
<b>Zonatus.</b> Rose-lilac, yellow center	40	50	3 00

### Eremurus • Foxtail Lily; Giant Asphodel

A rare bulbous plant that is very hardy. The tall flower-stalks, rising from a tuft of long, narrow leaves, are crowned by a flower-spike 2 to 3 feet long, closely set with star-like, bell-shaped flowers. On account of their height, we recommend these for the rear of the hardy border. Delivery September and October.

<b>Bungel.</b> Citron-yellow flowers on spikes 5 to 6 feet high.	Each	Doz.
July	\$1 00	\$10 00
<b>Elwesianus.</b> Soft pink flowers on spikes 10 to 12 feet high.	June	1 75 20 00
<b>Himalaicus.</b> Waxy white flowers with golden anthers.	June	1 25 14 00
Height, 6 to 8 ft.		
<b>Hlm-Rob.</b> Pale silvery pink flowers.	June	1 25 14 00
Height, 8 to 10 ft.		
<b>Robustus.</b> Rosy pink.	June	1 75 20 00
Height, 10 ft.		
<b>Shelford.</b> Coppery yellow or orange.	June	1 00 10 00
Height, 7 to 8 ft.		

### Erythronium • Dog's-Tooth Violet

**Tuolumense.** Charming woodland plants with lily-like, golden yellow flowers; green leaves. 50c. per doz.; per 100, \$3.50 (by Parcel Post, \$3.75); \$32.50 per 1000.

### Freesias

#### Marie Louise Violet, Recent Introduction

A robust grower with heavy stem and large truss. Color dark violet-blue with slight shading of red, almost a counterpart of the violet this variety is named for.

	Doz.	100	1000
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	\$0 40	\$2 25	\$17 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	45	2 50	20 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	50	3 00	25 00

#### Judy (Elder's), New Introduction

A wonderful golden yellow, suggestive of the well-known Sulphur Phoenix narcissus. Large-flowering type and excellent for forcing. Should be grown by every florist. 65c. per doz.; per 100, \$4.25; \$36.00 per 1000.

#### Elder's Double White, Recent Introduction

This splendid novelty is a glistening white with very tall stems. The flowers are quite large and very similar to a gardenia. Excellent for forcing.

	Doz.	100	1000
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	\$0 50	\$2 75	\$21 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	60	4 00	31 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	85	5 50	47 00

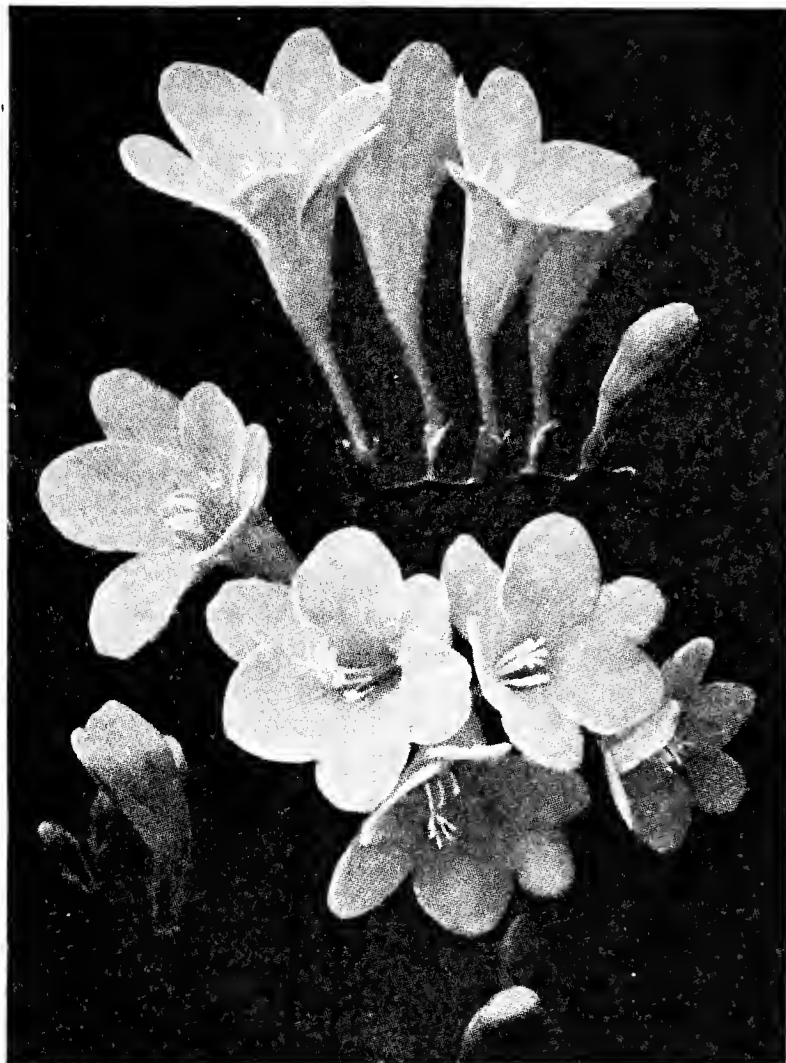
#### Michell's Purity (Super-Flora)

First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	20	75	6 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	25	1 50	9 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	30	1 85	14 00

#### Elder's Giant White (Plant Patent No. 17)

Giant pure white blooms, with long stems.

First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	25	1 50	11 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	40	2 25	18 50
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	60	4 00	36 00

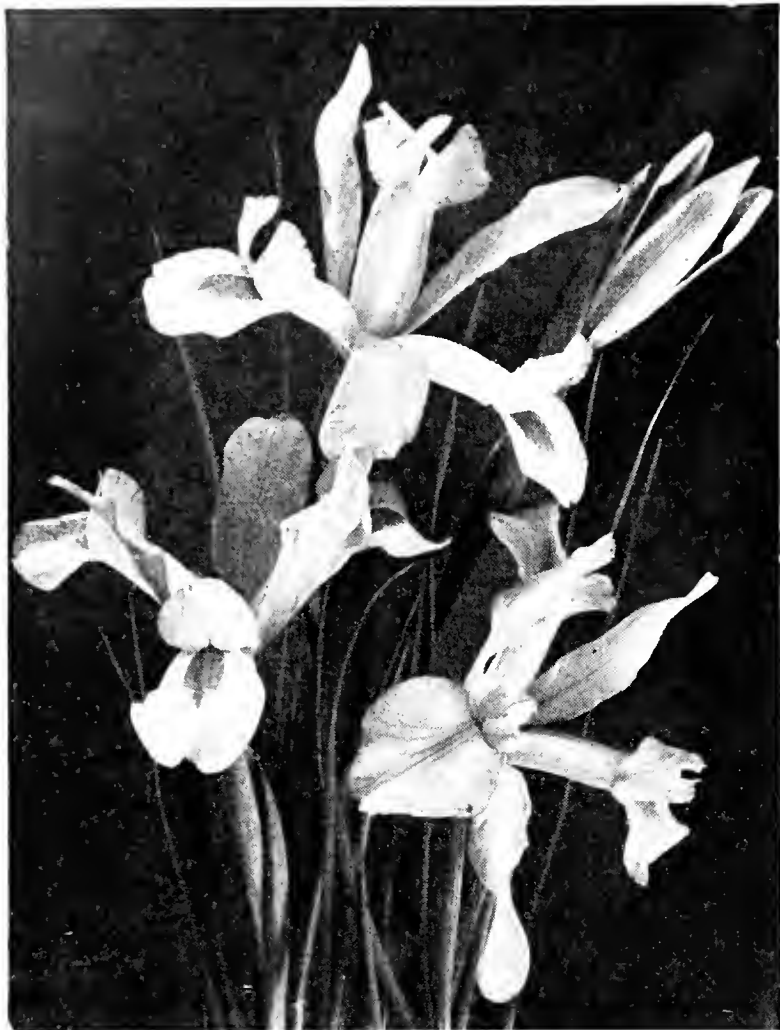


Golden Daffodil

### Colored Freesias

<b>Apotheose.</b> Pink flowers tinted lavender.	Doz.	100	1000
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	\$0 20	\$1 00	\$7 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	25	1 50	12 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	40	2 25	18 00
<b>Golden Daffodil.</b> Golden yellow with orange blotch on lower lip.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	20	1 00	7 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	25	1 50	10 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	35	2 00	15 00
<b>Marie Louise Fischer.</b> An excellent variety with rich lavender-blue flowers.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	25	1 50	10 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	30	1 75	12 00
<b>Miss Blanche Blue.</b> Plant Patent No. 98. Introduced by the originator of Elder's Giant White. Deep bluish lavender. No variety compares with it in size of flower, length of stem, earliness, or freedom of growth.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	30	1 75	13 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	40	2 25	18 50
<b>Mrs. Marc Peters.</b> Deep rosy salmon, blotched golden yellow. Very early.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	30	1 75	13 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	40	2 25	16 00
<b>Pinkie.</b> Large clear pink; broad-petaled open flower. Best pink.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	25	1 50	10 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	30	1 75	12 00
<b>Splendens.</b> Lavender.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	25	1 50	10 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	30	1 75	12 00
<b>Sunset.</b> A new color in Freesias—flame-orange.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	30	1 75	14 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	40	2 25	17 00
<b>White Chief.</b> A large, strong-growing pure white variety.			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	20	75	6 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	25	1 50	9 00
Monster bulbs, $\frac{3}{4}$ to $\frac{7}{8}$ in.	30	1 85	14 00
<b>Rainbow Mixture.</b>			
First-size bulbs, $\frac{1}{2}$ to $\frac{5}{8}$ in.	20	1 25	10 00
Mammoth bulbs, $\frac{5}{8}$ to $\frac{3}{4}$ in.	25	1 50	12 00





Dutch Irises

## Fritillaria Imperialis • Crown Imperial

A majestic plant producing, in early spring, stout stems 3 to 4 feet long, with a crown-like cluster of bell-shaped flowers at the top. Ideal for hardy borders.

	Doz.	100
<b>Choice Mixed Colors</b>	\$3 00	\$22 50

## Fritillaria Meleagris Guinea-Hen Flower; Checkered Lily

Dwarf spring-flowering plants, with large, pendent, bell-shaped flowers. Excellent for pot-culture and valuable in group plantings in a hardy border or in a rock-garden.

	Doz.	100	1000
<b>Very Choice Mixed</b>	\$0 30	\$2 00	\$17 50

## Baby Gladiolus (For Forcing) Ready in October

An extremely popular flower of marvelous grace and beauty. Wonderful for forcing.

*If wanted by Parcel Post, add 25c. per 100 for postage*

	Doz.	100	1000
<b>Nymph.</b> Sprays of large, wide-open white flowers with crimson markings	\$0 50	\$3 50	\$30 00
<b>Peach Blossom.</b> Soft pink	50	3 50	30 00
<b>Spitfire.</b> Deep reddish salmon	50	3 50	30 00
<b>The Bride.</b> Pure white	50	3 50	30 00

Also the Primulinus and regular type of Gladiolus in special forcing varieties. List and prices upon application.

## Gloxinias (Ready in January)

*If wanted by Parcel Post, add 25c. per 100 for postage*

	Doz.	100	1000
<b>Emperor Frederick.</b> Monster red flowers, striped white	\$0 50	\$3 50	\$30 00
<b>Emperor William.</b> Purple, striped white	50	3 50	30 00
<b>Purple</b>	50	3 50	30 00
<b>Rose</b>	50	3 50	30 00
<b>Tigered and Spotted</b>	50	3 50	30 00
<b>White</b>	50	3 50	30 00
<b>Choice Mixed Colors</b>	50	3 50	30 00

At the time this catalogue goes to press definite prices on Gloxinia bulbs have not been established. Prices will be quoted on application

## Grape Hyacinths • Muscari

	Doz.	100	1000
<b>Botryoides album.</b> White	\$0 30	\$2 00	\$15 00
<b>Botryoides, Heavenly Blue</b>	30	2 00	15 00
<b>Dark Blue</b>	35	2 25	18 00

## Dutch Iris • Iris Xiphium Hybridum

Blooms fully two weeks in advance of the Spanish Iris. Flowers are of enormous size.

*If Iris is wanted by Parcel Post, add 15c. per 100 for postage*

	Doz.	100	1000
<b>A. Bloemard.</b> Purplish blue. Very early.	\$0 50	\$3 00	\$25 00
7 to 8 cm.	60	4 00	33 00
8 cm. and up.	60	4 00	33 00
<b>Adrian Backer.</b> Purplish lilac.	55	3 25	28 00
7 to 8 cm.	70	4 25	36 00
8 cm. and up.	70	4 25	36 00
<b>D. Haring.</b> White tinted lilac. Early.	50	3 00	25 00
7 to 8 cm.	60	4 00	33 00
8 cm. and up.	60	4 00	33 00
<b>Leonardo da Vinci.</b> White and yellow.	50	2 75	23 00
7 to 8 cm.	60	4 00	33 00
8 cm. and up.	60	4 00	33 00
<b>Poggenbeeck.</b> Brilliant blue. Early.	40	2 65	21 00
7 to 8 cm.	60	3 50	31 00
8 cm. and up.	60	3 50	31 00
<b>Theresa Schwartz.</b> Standard lilac; falls white.	40	2 65	21 00
7 to 8 cm.	60	3 50	31 00
8 cm. and up.	60	3 50	31 00
<b>White Excelsior.</b> Immense flowers of purest white.	55	3 25	27 00
7 to 8 cm.	70	4 25	37 00
8 cm. and up.	70	4 25	37 00
<b>Yellow Queen.</b> Extra fine.	40	2 25	18 00
6 to 7 cm.	60	3 50	30 00
7 to 8 cm.	60	3 50	30 00

## Spanish Iris • Iris Hispanica

Extremely early. Graceful, slender stems, with fragrant orchid-like flowers. Hardy outdoors, requiring only a slight mulch; also excellent for forcing in boxes or pans.

	Doz.	100	1000
<b>Cajanus.</b> Canary-yellow, with orange blotch on falls	\$0 55	\$3 25	\$27 00
<b>King of the Blues.</b> Deep purplish blue	50	3 00	25 00
<b>King of the Whites.</b> Pure white	50	3 00	25 00

## Iris Filifolia, Imperator

A popular greenhouse forcing variety, producing elegant large, deep blue flowers. Very much in demand.

	Doz.	100	1000
<b>Large bulbs</b> (8 cm. and up)	\$0 50	\$3 00	\$25 00

## Iris Tingitana, Wedgwood

Monster, deep blue flowers on long stems. Free bloomer. Very early, in fact, one of the first Irises to bloom when forced under glass.

	Doz.	100	1000
9 to 10 cm. bulbs	\$0 60	\$3 50	\$30 00
10 to 12 cm. bulbs	75	5 00	45 00

## Ixias

	Doz.	100	1000
<b>Scarlet</b>	\$0 30	\$1 50	\$12 00
<b>Extra-Fine Mixture</b>	20	1 25	10 00

## Leucocoryne Ixioides Odorata

### Glory-of-the-Sun

A new introduction from Chile. Requires the same culture as freesias and blooms during February and March. Lavender, phlox-like flowers on long wiry stems. \$1.50 per doz.; per 100, \$10.00.

## Leucojum Vernum • Spring Snowflake

A fine, hardy spring-flowering bulb with flowers like a snowdrop, but larger. 60c. per doz.; per 100, \$3.50; \$32.50 per 1000.

## Lily-of-the-Valley

*Ready in December*

**Fancy Giant-flowering.** *New Crop.* Large pips, often producing 15 or more bells to the spike. Prices on application.

## Cold-Storage Lily-of-the-Valley

### Giant-flowering

For a number of years we have made a specialty of these and our strains are reputed to be among the finest. Prices on application.

# The new Ranunculus are surprisingly improved

## Ornithogalum

**Arabicum.** Star of Bethlehem. An attractive flowering bulb for either indoor or outdoor culture. Petals pure white, streaked light green, with black flower center. For indoor culture, treat like hyacinths. 65c. per doz. (by Parcel Post, 75c.); per 100, \$4.50 (by Parcel Post, \$4.80); \$40.00 per 1000.

**Aureum Hybrids.** Beautiful orange-red to bright yellow blooms, with marvelous keeping qualities. The finest of all Ornithogalums. An excellent pot-plant. \$1.25 per doz. (by Parcel Post, \$1.35); per 100, \$8.00 (by Parcel Post, \$8.30); \$75.00 per 1000.

**Thrysoides flore-pleno.** The only double Ornithogalum. The flowers have the keeping qualities of the single varieties, and the appearance of a Double Pearl tuberose. This is a new variety and very popular. Stems about 30 inches tall. 65c. per doz.; per 100, \$4.50; \$40.00 per 1000.

## Oxalis

*If wanted by Parcel Post, add 10c. per 100 for postage*

	Doz.	100	1000
<b>Grand Duchess, White</b> .....	\$0 30	\$2 00	\$18 00
<b>Pink</b> .....	30	2 00	18 00
<b>Lavender</b> .....	30	2 00	18 00
<b>Buttercup. Yellow</b> .....	30	2 00	18 00
<b>Hirta. Pink</b> .....	35	2 50	20 00

## Ranunculus • Buttercup

Dwarf flowering bulbs, easily grown in pots for winter blooming or in coldframes for spring. Cultural directions are the same as for anemones.

*If wanted by Parcel Post, add 15c. per 100 for postage*

**Michell's New Giant Strain.** This is the last word in Ranunculus, developed by careful selection of the finest flowers from all the latest improved strains and is a balanced blend of all colors. The huge flowers run mostly to the full double form. 50c. per doz.; per 100, \$3.25; \$27.50 per 1000.

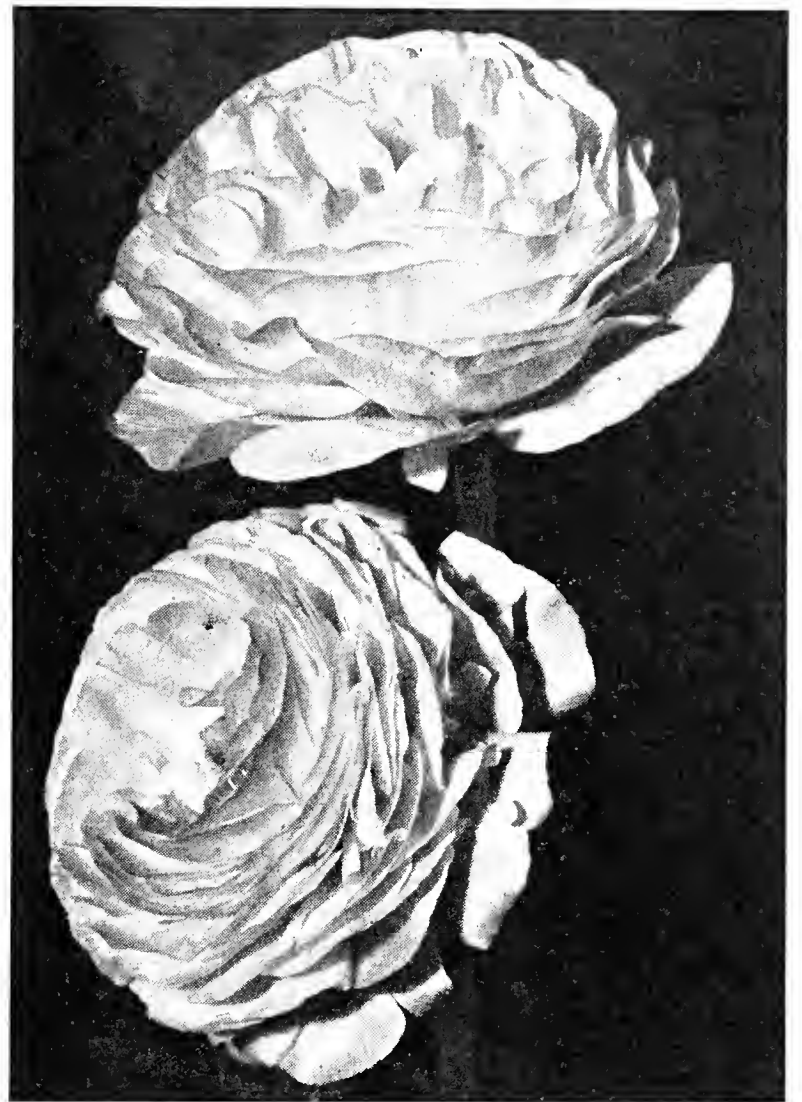
**Palaflor Strain, Choice Mixed.** A new strain that produces flowers twice as large and about four times as full as other types. They come in a beautiful range of colors, such as subtle shades and pastel colorings of pinks and yellows and other shades heretofore never produced. 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**Giant Yellow.** 40c. per doz.; per 100, \$3.00; \$25.00 per 1000.

**Giant Fringed Mixed.** 30c. per doz.; per 100, \$2.00; \$17.00 per 1000.



Spiraea (Astilbe)



Ranunculus

## Scillas • Squills

Excellent for planting around beds of tulips, hyacinths or daffodils. Also do well if planted indoors in pots or pans.

*If wanted by Parcel Post, add 10c. per 100 for postage*

	Doz.	100	1000
<b>Campanulata alba.</b> Pure white.....	\$0 30	\$2 00	\$16 00
<b>Campanulata rosea.</b> Delicate pink.....	30	2 00	16 00
<b>Sibirica.</b> Blue.			
First-size bulbs.....	30	1 75	15 00
Mammoth bulbs.....	40	2 50	17 00
<b>Sibirica, Spring Beauty.</b> A new variety that blooms earlier than the ordinary <i>S. sibirica</i> and grows twice as high. Color intense blue.....	70	5 00	45 00

## Snowdrops • Galanthus

Beautiful early-flowering bulbs for edging bulb-beds or for planting in masses.

	Doz.	100	By P.P.	1000
<b>Double.</b> Pure white.....	\$0 40	\$2 50	\$2 60	\$22 00
<b>Single.</b> Pure white.....	30	2 00	2 10	16 00

## Spiraea (Astilbe)

*Ready in December*

	Doz.	100
Large clumps with plenty of flowering eyes.		
<b>America.</b> Lilac-rose.....	\$3 50	\$25 00
<b>Deutschland.</b> Pure white.....	3 75	28 00
<b>Gladstone.</b> Snow-white.....	3 75	28 00
<b>Gloria Superba.</b> Rose. Excellent for forcing.....	3 50	25 00
<b>Peach Blossom.</b> Pale rose. Fine for forcing.....	3 50	25 00
<b>Queen Alexandra.</b> Pink Easter variety.....	3 50	25 00
<b>Rhineland.</b> Crimson, shading to salmon. Excellent forcer.....	3 50	25 00

## Tritonia Crocata

**Prince of Orange.** A splendid pot-plant, treated like the freesia. Large orange-red flowers excellent for cutting. 40c. per doz.; per 100, \$2.50 (by Parcel Post, \$2.65); \$20.00 per 1000.

*Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage*

# Michell's Choice Plants for Florists

Important.—The stock offered by us is the best obtainable and will satisfy the most critical buyer. However, we cannot guarantee the success of the grower who purchases the stock, but if it proves untrue to name our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by Express, except small ones, which can readily go by mail.

If shipments arrive in bad condition, accept them and receipt for them accordingly, then enter claim to the transportation company. We, of course, will assist you in every possible way.

Any complaints as to quality cannot be entertained, unless made to us within 2 days after receipt of goods.

Stulb's Winter-flowering. <i>Ageratum</i>		25	100
Rooted cuttings.....		\$1 50	\$4 00
2¼-in. pots.....		2 00	7 00

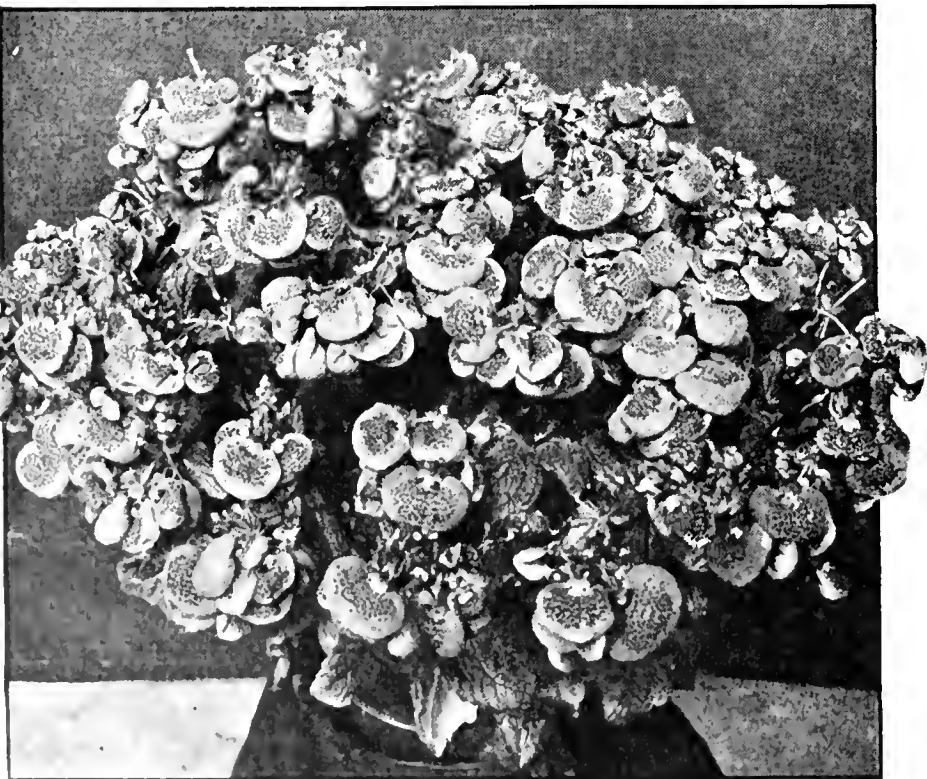
## Azaleas, Kurume. For Easter Forcing

This race of Azaleas is especially recommended for Easter forcing.

<b>Coral Bells.</b> A pleasing coral-pink, shading deeper in the center. 6-in. spread.....		10	100
8-in. spread.....		\$6 00	\$50 00
10-in. spread.....		9 00	75 00
12-in. spread.....		12 50	100 00
15-in. spread.....		17 50	125 00
20 00		150 00	
<b>Flame.</b> Brilliant red with coppery suffusion.			
8-in. spread.....		6 00	50 00
10-in. spread.....		7 50	65 00
12-in. spread.....		8 50	75 00
<b>Hampton Rose.</b> A beautiful rose-colored variety.			
6-in. spread.....		6 00	50 00
8-in. spread.....		9 00	75 00
10-in. spread.....		12 50	100 00
<b>Hinodegiri.</b> Dense clusters of bright fiery red flowers.			
6-in. spread.....		4 00	35 00
8-in. spread.....		6 00	50 00
10-in. spread.....		7 50	65 00
<b>Lavender Queen.</b> Lavender.			
6-in. spread.....		6 00	50 00
8-in. spread.....		9 00	75 00
10-in. spread.....		12 50	100 00
<b>Pink Pearl.</b> Salmon-rose, shading lighter in the center.			
8-in. spread.....		9 00	75 00
10-in. spread.....		12 50	100 00
12-in. spread.....		17 50	125 00
15-in. spread.....		20 00	150 00
<b>Salmon Beauty.</b> Bright salmon. 6-in. spread.....		6 00	50 00
8-in. spread.....		9 00	75 00
10-in. spread.....		12 50	100 00
12-in. spread.....		17 50	125 00
15-in. spread.....		20 00	150 00
<b>Snow.</b> Large; pure white. 6-in. spread.....		6 00	50 00
8-in. spread.....		9 00	75 00
10-in. spread.....		12 50	100 00
12-in. spread.....		17 50	125 00

## Azalea Indica

Grafted Varieties for flowering from January until Easter



Calceolaria

## Antirrhinum • Snapdragon

		25	100	1000
<b>Afterglow.</b> Beautiful bronze.....		\$1 50	\$4 00	\$35 00
<b>Bertha Baur.</b> A new lavender or orchid color..		1 50	4 00	35 00
<b>Ceylon Court.</b> Canary-yellow.....		1 50	4 00	35 00
<b>Cheviot Maid Supreme.</b> Clear pink.....		1 50	4 00	35 00
<b>Lucky Strike.</b> Large-flowering white.....		1 50	4 00	35 00
<b>Rose Queen.</b> Real rose.....		1 50	4 00	35 00
<b>Sun Tan.</b> Rosy tan with yellow tips.....		1 50	4 00	35 00
<b>White Rock.</b> Pure white.....		1 50	4 00	35 00

**Important.** To keep Snapdragons free from rust, **do not wet the foliage at any time** and you will have no trouble with rust in growing them.

## Asparagus

		25	100	1000
<b>Plumosus nanus.</b> 2¼-in. pots.....		\$1 50	\$5 00	\$45 00
3-in. pots, extra strong.....		4 00	14 00	130 00
<b>Sprengeri.</b> 2¼-in. pots.....		1 50	5 00	45 00
3-in. pots.....		4 00	14 00	130 00

## Begonias

### MISCELLANEOUS VARIETIES

		25	100	1000
<b>Darling.</b> Pink. 2¼-in. pots.....		\$1 75	\$6 00	\$55 00
<b>Luminosa.</b> Dark scarlet. 2¼-in. pots.....		1 75	6 00	55 00
<b>Primadonna.</b> Rose, shading to carmine. 2¼-in. pots.....		1 75	6 00	55 00
<b>Rex.</b> In a fine assortment. 2¼-in. pots.....		3 50	12 00	110 00
<b>Xmas Cheer.</b> Crimson-scarlet. 2¼-in. pots....		1 75	6 00	55 00

### CHRISTMAS VARIETIES

		25	100
<b>Lady Mac.</b> 2¼-in. pots.....		\$5 50	\$20 00
<b>Marjorie Gibbs.</b> 2¼-in. pots.....		5 50	20 00
<b>Melior.</b> 2¼-in. pots.....		5 50	20 00

3-in. pots of any of the above Christmas varieties, 25 for \$7.50; \$27.50 per 100

## Browallia

<b>Speciosa (major).</b> Rich blue. Fine for pots or baskets. 2¼-in. pots.....		25	100	1000
		\$1 75	\$6 00	\$50 00

## Calceolaria

		25	50	100
<b>Greater New York.</b> In all the finer shades and colors, including fine shades of Red, Yellow, Bronze, Honeydew, etc. (Awarded Silver Medal at New York World's Fair, May 2, 1939). 2¼-in. pots.....		\$7 00	\$13 00	\$25 00
<b>*Easter Greeting.</b> A good range of colors. 2¼-in. pots.....		3 50	6 00	12 00
<b>Feltham Glory.</b> Rust and mahogany shades. 2¼-in. pots.....		3 00	5 00	10 00
<b>Goliath.</b> Flowers large, of many shades. 2¼-in. pots.....		3 00	5 00	10 00
<b>Perfect Model Improved.</b> Large flowers; many shades. 2¼-in. pots.....		3 00	5 00	10 00
<b>Valentine Greeting.</b> Early; orange, yellow, and red. 2¼-in. pots.....		3 50	6 00	12 00

### MOTHER'S DAY VARIETIES

		2 75	4 50	9 00
<b>Barmi Hybrids.</b> 2¼-in. pots.....		2 75	4 50	9 00
<b>Golden Bronze Group.</b> Fine assortment of colors. 2¼-in. pots.....		5 50	10 00	20 00
<b>Golden Gem (Little Gem).</b> Small, yellow flowers. 2¼-in. pots.....		5 00	9 00	18 00
<b>*Perfection.</b> All colors. 2¼-in. pots.....		5 00	9 00	18 00
<b>Pink Beauty.</b> Strawberry color. 2¼-in. pots.....		5 00	9 00	18 00
<b>*Pure Flame.</b> Brilliant red. 2¼-in. pots.....		5 50	10 00	20 00
<b>Rosacker's Improved.</b> Light red. 2¼-in. pots.....		5 00	9 00	18 00
<b>Royal Reds.</b> Glowing red colors. 2¼-in. pots.....		5 50	10 00	20 00
<b>*Sensation.</b> All colors. 2¼-in. pots.....		4 25	7 50	15 00
<b>Stewarti.</b> Canary-yellow. 2¼-in. pots.....		5 00	9 00	18 00
<b>Vermilion Supreme.</b> 2¼-in. pots.....		5 50	10 00	20 00

Varieties marked \* we especially recommend



## Cineraria

Ready from September to November.

<b>Cremer's Prize Strain.</b> Cross of Multiflora compacta, Grandiflora hybrida and Stellata. Won first prize at all flower shows. 2¼-in. pots.	25	100	1000
<b>Grandiflora.</b> Semi-dwarf prize mixed. 2¼-in. pots.	2 00	7 00	65 00
<b>Multiflora Nana.</b> Potsdam Strain. 2¼-in. pots.	2 00	7 00	65 00

## Cleveland Cherries

Selected strain. 2¼-in. pots.	100	1000
	\$5 00	\$45 00

## Crassula

<b>Arborescens.</b> 2¼-in. pots.	7 00	60 00
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## Cyclamen Plants

In separate colors: <b>Rose of Zehlendorf, Blood-Red, Bright Red and Rose-Pink.</b>	100	
4-in. pots	\$30 00	
5-in. pots	50 00	
25 plants at 100 rate		

## Daisies (For Cutting)

Unexcelled for cut-flowers, keeping well after being cut. We offer extra-fine stock in 2¼-inch pots.	25	100	1000
<b>Boston Yellow</b>	\$1 75	\$6 50	\$60 00
<b>Nicholson's Giant White</b>	1 75	6 00	55 00
<b>White Marguerite</b>	1 75	6 00	55 00

## Epiphyllum Truncatum • Christmas Cactus

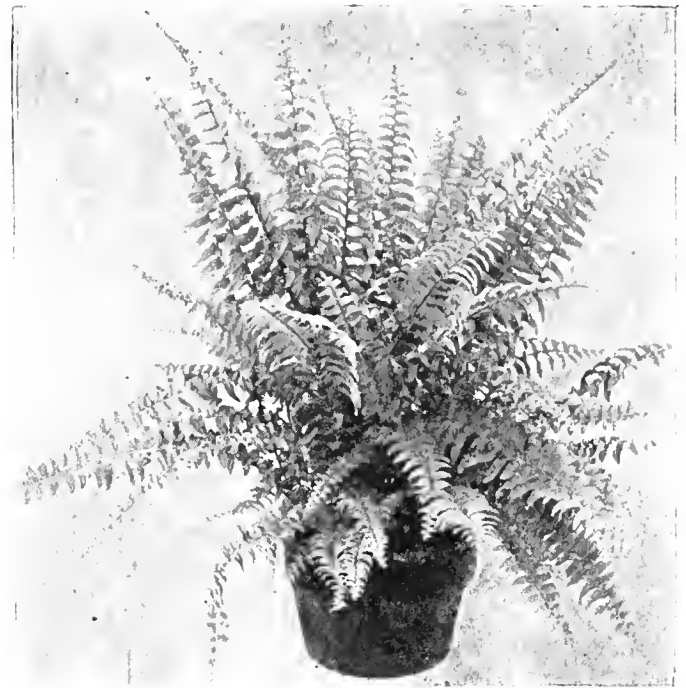
Splendid for Japanese gardens or indoor rockeries. 2¼-in. pots.	25	100
	\$3 00	\$11 00

**PLEASE NOTE**—Shipments of perishable goods can be made only at your risk

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.



Cyclamen



Fern, Whitmani

## Euphorbia

One of the finest and most useful plants for midwinter flowering.			
<b>Jacquinaeflora.</b> Orange-scarlet flowers in long, graceful sprays. 2¼-in. pots.	25	100	1000
<b>Splendens.</b> Spiny stems. Red flowers. 2¼-in. pots.	\$2 50	\$8 00	\$75 00
	3 50	12 00	

## Ferns (2¼-inch Pots)

Extra-fine, clean stock

<b>Boston Dwarf Boston</b>	<b>Teddy, Jr. Roosevelt Scotti</b>	<b>Verona Whitmani compacta</b>
----------------------------	------------------------------------	---------------------------------

All above Ferns, \$2.00 for 25; per 100, \$7.00; \$60.00 per 1000  
Not less than 25 of any one variety sold

## Ferns (6-inch Pots)

<b>Dwarf Boston</b>	<b>Scotti</b>	<b>Teddy, Jr.</b>
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Prices quoted on request

## Table Fern Seedlings

Strong plants, ready for potting

	100	1000
<b>Aspidium tsus-simense</b>	\$2 00	\$18 00
<b>Cyrtomium Rochefordianum</b>	2 00	18 00
<b>Pteris adiantoides</b>	2 00	18 00
<b>Pteris argyræa</b>	2 00	18 00
<b>Pteris cretica albo-lineata</b>	2 00	18 00
<b>Pteris Mayi</b>	2 00	18 00
<b>Pteris Rivertoniana</b>	2 00	18 00
<b>Pteris serrulata cristata variegata</b>	2 00	18 00
<b>Pteris serrulata nana compacta</b>	2 00	18 00
<b>Pteris tremula</b>	2 00	18 00
<b>Pteris Victorizæ</b>	2 00	18 00
<b>Pteris Wilsoni</b>	2 00	18 00
<b>Pteris Wimsetti</b>	2 00	18 00
<b>Selaginella Emmeliana.</b> Moss Fern. 2¼-in. pots.	11 00	100 00

## Gardenia

	25	100
<b>Belmont.</b> 2¼-in. pots	\$12 50	\$50 00
<b>Veitchi.</b> 4-in. pots	12 50	47 50

## Gerbera Jamesoni • Transvaal Daisy

We offer these in extra-strong, two-year divisions. Wonderful assortment of colors.

	12	100
<b>Single-flowering, Mixed</b>	\$4 00	\$25 00
<b>Double-flowering, Mixed</b>	6 00	45 00

## HORMODIN (The Root-Forming Chemical)

A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them in the bench. Cuttings so treated root quicker and have more growing roots per cutting. Each package contains a calibrated easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, 50c; \$1.00 per 60-unit size; 240-unit size, \$2.50; \$4.50 per 480-unit size; 960-unit size, \$8.00.

# Place your order for New Geraniums and Hydrangeas at once



Geranium

## Geranium

### ONE OF OUR SPECIALTIES

Our stock is grown for us by specialists and is personally inspected by us, which insures flowering qualities and trueness.

Prices quoted are for Fall Delivery and will likely be advanced after January

### Four New Varieties of Great Merit

<b>HARRIET ANN.</b> A vigorous grower, free from disease. Large trusses of cerise flowers with yellowish cast, the two upper petals carrying a white blotch with a yellow sheen. Individual flowers very large.	12	25	100
2 1/4-in. pots.....	\$3 00	\$5 00	\$18 00
<b>ROSETTE.</b> Double maroon flowers.....	3 00	5 00	18 00
<b>MOREAU RICARD.</b> Very large heads of brilliant scarlet. 2 1/4-in. pots.....	25	100	1000
	\$2 00	\$7 00	\$65 00
<b>PALMIER'S IMPROVED RICARD.</b> 2 1/4-in. pots.....	2 00	6 50	60 00
50 at 100 rate			

### NEWER AND STANDARD VARIETIES

We take the greatest pains to supply only the best quality of this important stock. Our Geraniums will produce flowers. No order will be executed for less than 25 plants of any one variety. Order early.

<b>Helen Michell.</b> Compact; free flowering. The old reliable scarlet. 2 1/4-in. pots.....	100	1000
	\$6 00	\$55 00
<b>Alphonse Ricard.</b> Bright vermillion. 2 1/4-in. pots.....	6 00	55 00
<b>Beaute Poitevine.</b> Light salmon. 2 1/4-in. pots.....	6 00	55 00
<b>Irrington Beauty.</b> Rose-pink. 2 1/4-in. pots.....	6 00	55 00
<b>Mme. Buchner.</b> Double; white. 2 1/4-in. pots.....	6 00	55 00
<b>Mme. Landry.</b> Light rose-pink. 2 1/4-in. pots.....	6 00	55 00
<b>Radio.</b> Intense scarlet. 2 1/4-in. pots.....	6 00	55 00
<b>S. A. Nutt.</b> Dark red. 2 1/4-in. pots.....	6 00	55 00
<b>Sensation.</b> Red. 2 1/4-in. pots.....	6 00	55 00

## Michell's Hydrangeas

The stock offered below is produced by the foremost specialists.

Place your order now for Fall Delivery

<b>Ami Pasquaar.</b> Best red.	<b>Marechal Foch.</b> Early. Deep carmine.
<b>Chataurd.</b> Pink. Easy forcer.	<b>M. Baardse.</b> Salmon-red.
<b>Deutschland.</b> Salmon-pink.	<b>Mein Liebling.</b> Dark pink.
<b>E. G. Hill.</b> Pink. Early forcer.	<b>Niedersachsen.</b> Excellent for bluing.
<b>E. Mouillere.</b> White.	<b>Otaksa.</b> The old reliable pink.
<b>Gertrude Glahn.</b> Dark rose.	<b>Parsifal.</b> Red; fringed petals.
<b>Giselheer.</b> Dark carmine-red.	<b>Rheingold.</b> Brilliant pink.
<b>Goliath.</b> A real giant. Deep rose.	<b>Splendens.</b> Glossy clear red.
<b>Helge.</b> Soft red.	<b>Trophee.</b> Early. Red.
<b>Hollandia.</b> Beautiful salmon-red.	<b>Willkommen.</b> Brilliant pink.
<b>Lorelei.</b> Carmine-red.	
<b>Louis Savage.</b> Excellent dark pink.	

Prices of any variety listed per 100

3-in. (1 shoot)....	\$12 00	6-in. (5 to 8 shoots).....	\$50 00
4-in. (2 or more shoots).	25 00	7-in. (8 or more shoots)....	75 00
5-in. (3 to 5 shoots).	35 00		

## Ivy

<b>English.</b> Broad leaves.	100	1000
Rooted cuttings.....	\$1 50	\$15 00
2 1/4-in. pots.....	6 00	50 00
<b>Pittsburgh Self-branching.</b>		
Rooted cuttings.....	4 00	35 00
2 1/4-in. pots.....	8 00	75 00
<b>Variegated.</b>		
Rooted cuttings.....	5 00	
2 1/4-in. pots.....	10 00	

## Kalanchoe

<b>Coccinea globulifera.</b> One of the most valuable pot-plants ever introduced.	25	100
2 1/4-in. pots.....	\$2 00	\$7 00

## Marigold

Strong transplants	25	100
<b>Lieb's Winter.</b> Deep mahogany-bronze.....	\$1 75	\$6 00
<b>Lieb's Winter Sunshine.</b> Orange-yellow.....	2 25	8 00

## Myosotis, Michell's Giant

### WINTER-FLOWERING FORGET-ME-NOTS

The finest winter-flowering Myosotis in the market, producing large, deep blue flowers. Plant in September for flowering from November and all through the winter.

Strong, 2 1/4-in. pots.....	25	100	1000
	\$2 00	\$7 00	\$65 00

## Palms

<b>Kentia Forsteriana.</b> Made-up plants. 4 plants in tub.			
7-in. tub, 36 to 38 inches high.....	}	Write for Prices	
7-in. tub, 40 to 42 inches high.....			
8-in. tub, 46 to 48 inches high.....			
8-in. tub, 50 to 54 inches high.....			
<b>Phoenix Roebelinii.</b>	25	100	1000
2-in. pots.....	\$3 50	\$12 00	\$90 00

## Pandanus Veitchi

We have an excellent stock of heavy, well-colored plants.

4-in. pots.....	}	Prices quoted on request	
5-in. pots.....			
6-in. pots.....			

## Pelargoniums

No orders filled for less than 25 plants of any variety

### NOVELTY VARIETIES

<b>Maid Marion.</b> Salmon-pink, carmine blotches; flowers large. Upright grower.
<b>May Queen.</b> Orchid color, red upper petals. Very large blooms on long stems.
<b>Ruth Eleanor.</b> Delicate rose-pink ruffled flowers. Early blooming.
<b>Salmon Springtime.</b> Salmon-rose-pink, darker than Springtime.

Rooted cuttings.....	25	100
	\$3 00	\$11 00
2-in. pots.....	4 00	13 00
3-in. pots.....	5 00	16 00
4-in. pots.....	7 00	25 00

### STANDARD VARIETIES

<b>Beverly Hills</b>	<b>Goleta</b>	<b>Onkel Richter</b>
<b>Chicago Market</b>	<b>Grossmama Fischer</b>	<b>Pasadena</b>
<b>Diener's Giant</b>	<b>Karminkoenigin</b>	<b>Piru</b>
<b>Faiss Triumph</b>	<b>Marie Vogel</b>	<b>San Diego</b>
<b>Fruehlingszauber</b>	<b>Montecito</b>	<b>Santa Monica</b>
<b>Giant Venus</b>	<b>Mrs. F. Bachler</b>	<b>Vera</b>
<b>Glendale</b>	<b>Mrs. Mary Bard</b>	
Rooted cuttings.....	25	100
	\$2 50	\$8 00
2-in. pots.....	3 00	10 00
3-in. pots.....	4 50	14 00
4-in. pots.....	6 50	22 50

### OTHER STANDARD VARIETIES

<b>Azalea</b>	<b>Gardener's Joy</b>	<b>Pride of Quedlinburg</b>
<b>Beautiful</b>	<b>German Glory</b>	<b>Springtime</b>
<b>Earlana</b>	<b>Lavender Queen</b>	<b>Sue Garrett</b>
<b>Easter Greeting</b>	<b>Lucy Becker</b>	<b>Swabian Maid</b>
<b>Edith North</b>	<b>Mrs. Loyal</b>	<b>Wurtembergia</b>
	<b>Orchid Edith North</b>	
Rooted cuttings.....	25	100
	\$2 00	\$6 00
2-in. pots.....	2 50	8 00

Plants travel best by Express. No Plants sent C. O. D.

HENRY F. MICHELL CO.

# You will need Poinsettias and Primulas for Christmas trade

## Peperomia

	25	100	1000
<b>Silver-striped.</b> 2¼-in. pots.....	\$3 00	\$11 00	\$100 00
<b>Obtusifolia.</b> 2¼-in. pots.....	2 50	9 00	80 00

## Philodendron

	25	100
<b>Cordatum.</b> 2¼-in. pots.....	\$3 00	\$10 00

## Poinsettia

Ready July to September

	100	1000
<b>Oak-leaved.</b> The best of all. 2¼-in. pots.....	\$9 00	\$80 00
<b>Mrs. P. Ecke.</b> 2¼-in. pots.....	10 00	90 00
<b>Ruth Ecke.</b> 2¼-in. pots.....	10 00	90 00
<b>Pink.</b> 2¼-in. pots.....	9 00	80 00
<b>White.</b> 2¼-in. pots.....	9 00	80 00

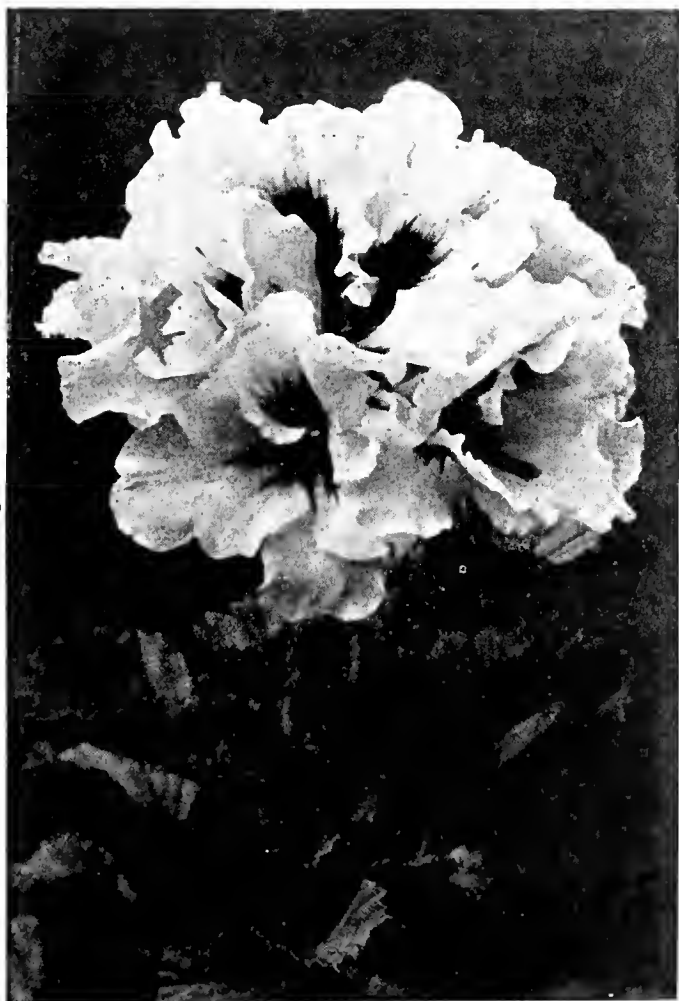
## Pothos Aureus

Excellent foliage plants for baskets and boxes. Foliage is golden mottled green.

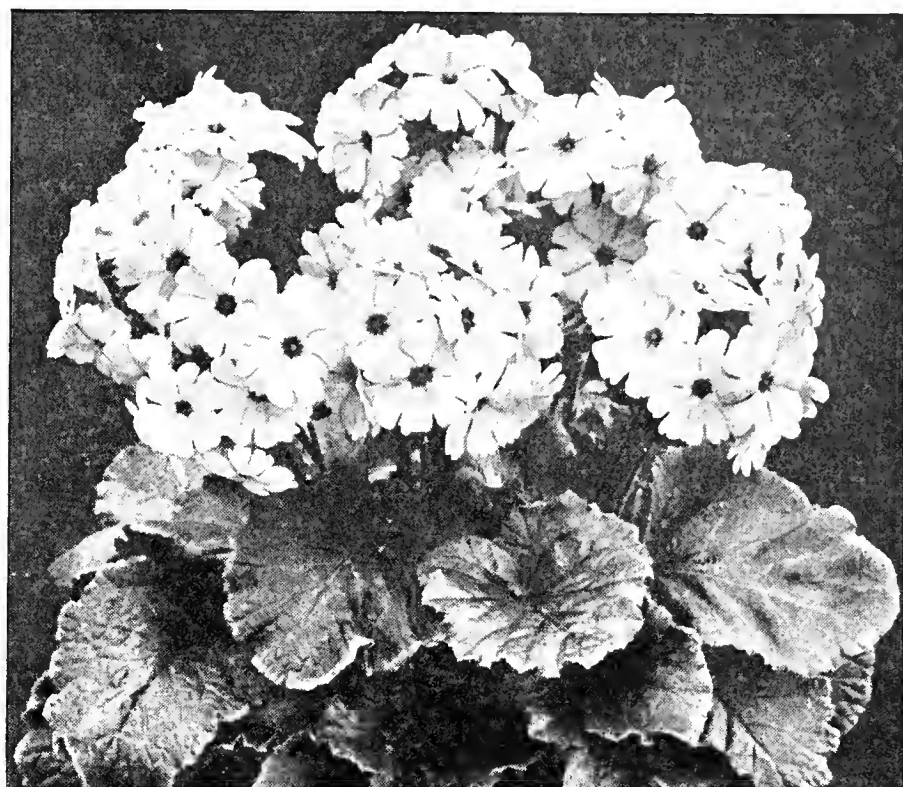
	25	100
2¼-in. pots.....	\$3 50	\$12 00

## Primula

	100	1000
<b>Obconica, Fasbender.</b> Crimson. 2¼-in. pots.....	\$6 00	\$55 00
<b>Obconica, Mohnstein.</b> Red. 2¼-in. pots.....	6 00	55 00
<b>Obconica, Mueller Rosea.</b> Bright rose. 2¼-in. pots...	6 00	55 00
<b>Obconica, Friesdorfer.</b> Salmon. 2¼-in. pots.....	6 00	55 00
<b>Obconica alba.</b> 2¼-in. pots.....	6 00	55 00
<b>Obconica, Apple-Blossom.</b> Pink. 2¼-in. pots.....	6 00	55 00
<b>Obconica cærulea.</b> Blue. 2¼-in. pots.....	6 00	55 00
<b>Obconica salmonea.</b> 2¼-in. pots.....	6 00	55 00
<b>Chinensis, Defiance.</b> Dark pink. 2¼-in. pots.....	6 00	55 00
<b>Chinensis, La Duchesse.</b> Lilac. 2¼-in. pots.....	6 00	55 00
<b>Chinensis, Morning Dawn.</b> Apple-blossom-pink. 2¼-in. pots.....	6 00	55 00
<b>Chinensis, Mme. Henry Blue.</b> Blue. 2¼-in. pots...	6 00	55 00
<b>Chinensis, Sedina.</b> Carmine-rose. 2¼-in. pots.....	6 00	55 00
<b>Malacoides Eriksoni, Baby Rose.</b> Deep pink. 2¼-in. pots.....	6 00	55 00
<b>Malacoides alba.</b> 2¼-in. pots.....	6 00	55 00
<b>Malacoides atrosanguinea.</b> 2¼-in. pots.....	7 00	65 00
<b>Malacoides, Salmon Beauty.</b> 2¼-in. pots.....	6 00	55 00



Pelargonium. See page 14



Primula obconica

## Saintpaulia • African Violet

We offer extra-fine quality of this desirable pot-plant.

<b>Ionantha.</b> Blue.	<b>Blue Boy.</b> Violet-blue.	25	100
2-in. pots.....		\$4 00	\$15 00
3-in. pots.....		6 00	22 00

## Sansevieria Zeylanica, Rosette Type

	100	1000
2¼-in. pots.....	\$8 50	\$75 00

## Smilax

Extra-strong, 2¼-in. pots.....	4 50	40 00
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## Stevia

**Double True Half Dwarf.** Best for greenhouse forcing.

2¼-in. pots.....	5 00	45 00
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## Vinca Variegata

We offer an extra-fine quality of these indispensable florists' plants. Extra-heavy stock, well variegated.

	100	1000
Clumps, field grown.....	\$8 00	\$70 00
Layer Plants.....	2 50	20 00
Rooted Cuttings.....	1 75	15 00
2¼-in. pots.....	6 00	55 00

## Vitis • Grape Ivy

**Rhombifolia.** Evergreen vine; graceful trifoliate leaves.

	25	100	1000
2-in. pots.....	\$3 00	\$10 00	\$90 00

## Seedlings

### PANSY SEEDLINGS

Produced from **Michell's Giant Exhibition** strain of seed in choicest mixture of colors. \$1.00 per 100; per 500, \$3.00; \$5.00 per 1000.

Transplanted Plants. \$2.00 per 100; per 500, \$5.00; \$9.00 per 1000.

### MYOSOTIS SEEDLINGS

Splendid stock of **Alpestris, Victoria.** \$1.00 per 100; per 500, \$4.00; \$7.00 per 1000.

### DAISY OR BELLIS PERENNIS SEEDLINGS

In Monstrosa or Giant-flowering type

**White, Pink and Red,** each separate. \$1.00 per 100; per 500, \$4.00; \$6.50 per 1000.

Not less than 100 Seedlings of a kind sold

These travel best by Parcel Post. Add 20c per 100 for postage.



# Michell's Hardy Perennial Plants

FOR ROCK-GARDENS, LANDSCAPING, CUT-FLOWERS, AND HOME-GARDENS

All Perennials Offered on the Following Pages Are Field-Grown Plants, Except Where Noted.  
Use Perennials for Summer Cutting, for Forcing in the Winter, and for Landscaping and Rockeries.

	12	100
<b>ACHILLEA, Boule de Neige.</b> Double; white.....	\$1 50	\$10 00
<b>Filipendulina.</b> Bright yellow.....	1 50	10 00
<b>Millefolium, Cerise Queen.</b> Cherry-red.....	1 50	10 00
<b>Millefolium roseum.</b> Pink.....	1 50	10 00
<b>ALYSSUM rostratum.</b> Pale yellow.....	1 50	10 00
<b>Saxatile compactum.</b> Golden yellow.....	1 50	10 00
<b>Serpyllifolium.</b> Pale yellow.....	2 00	12 00
<b>ARABIS alpina.</b> Pure white.....	1 50	10 00
<b>Alpina fl.-pl.</b> Double; white.....	2 00	12 00
<b>Alpina rosea.</b> Pale pink.....	2 00	12 00
<b>ARTEMISIA globifolia.</b> Silver foliage.....	2 00	12 00
<b>Lactiflora.</b> Creamy white.....	1 50	10 00
<b>Silver King.</b> Silver stems and foliage.....	1 50	10 00
<b>Silver Queen.</b> Silver foliage.....	1 50	10 00
<b>ASCLEPIAS tuberosa.</b> Orange-scarlet.....	1 50	10 00
<b>ASTILBE, America.</b> Lilac-pink.....	3 50	25 00
<b>Amethyst.</b> Deep violet-purple.....	3 50	25 00
<b>Betsy Cuperus.</b> White.....	3 50	25 00
<b>Newport Pink.</b> .....	3 50	25 00
<b>Queen Alexandra.</b> Bright pink.....	3 50	25 00
<b>BOLTONIA asteroides.</b> White.....	1 50	10 00
<b>Latisquama.</b> Lavender-pink.....	1 50	10 00
<b>CAMPANULA Medium, Blue</b> .....	1 50	10 00
<b>Medium, Pink</b> .....	1 50	10 00
<b>Medium, White</b> .....	1 50	10 00
<b>Medium calycanthema, Blue</b> .....	1 50	10 00
<b>Medium calycanthema, Pink</b> .....	1 50	10 00
<b>Medium calycanthema, White</b> .....	1 50	10 00
<b>CENTAUREA dealbata.</b> Rose-pink.....	1 50	10 00
<b>Macrocephala.</b> Golden yellow.....	1 75	12 00
<b>Montana.</b> Violet-blue.....	1 50	10 00
<b>Montana alba.</b> White.....	1 50	10 00
<b>COREOPSIS lanceolata grandiflora.</b> Yellow.....	1 50	10 00
<b>Verticillata.</b> Yellow, dark disc.....	1 50	10 00
<b>DELPHINIUM, Belladonna.</b> 1-yr.....	1 50	10 00
2-yr.....	2 00	12 00
<b>Bellamosum.</b> 1-yr.....	1 50	10 00
2-yr.....	2 00	12 00
<b>Blackmore &amp; Langdon Hybrids.</b> 1-yr.....	2 00	12 00
2-yr.....	2 50	15 00
<b>Iceberg.</b> White.....	2 00	12 00
<b>Summer Cloud.</b> White.....	2 00	12 00

	12	100
<b>DIELYTRA spectabilis.</b> Bleeding-Heart; Dicentra. Heart-shaped red flowers. Excellent for forcing....	\$3 50	\$20 00
<b>DIGITALIS, Giant Shirley Hybrids</b> .....	1 50	10 00
<b>Purpurea gloxiniaeflora.</b> Purple spotted.....	1 50	10 00
<b>Purpurea gloxiniaeflora alba.</b> White.....	1 50	10 00
<b>Purpurea gloxiniaeflora rosea</b> .....	1 50	10 00
<b>DORONICUM excelsum.</b> Yellow.....	2 50	17 50
<b>EUPATORIUM ageratoides.</b> White.....	1 50	10 00
<b>Coelestinum.</b> Lavender-blue.....	1 50	10 00
<b>Purpureum.</b> Reddish purple.....	1 50	10 00
<b>GENTIANA Andrewsii.</b> Purple.....	2 00	12 00
<b>GYSOPHILA, Bristol Fairy.</b> Double white.....	3 50	22 50
<b>Acutifolia.</b> Lilac-rose.....	2 00	12 00
<b>Paniculata.</b> White.....	1 75	12 00
<b>Repens.</b> White and pink.....	1 75	12 00
<b>HEMEROCALLIS, Apricot.</b> Deep orange.....	1 50	10 00
<b>Aurantiaca.</b> Orange.....	1 50	10 00
<b>Flora.</b> Yellow.....	1 50	10 00
<b>Dr. Regel.</b> Orange-yellow.....	1 50	10 00
<b>Kwanso fl.-pl.</b> Double; golden bronze.....	1 50	10 00
<b>Middendorffii.</b> Orange-yellow.....	1 50	10 00
<b>HOLLYHOCK, Double Maroon</b> .....	1 50	10 00
<b>Double Newport Pink</b> .....	1 50	10 00
<b>Double Orange Prince</b> .....	1 75	11 00
<b>Double Red</b> .....	1 50	10 00
<b>Double White</b> .....	1 50	10 00
<b>Double Yellow</b> .....	1 50	10 00
<b>Double Mixed</b> .....	1 50	10 00
<b>Allegheny, Mixed</b> .....	1 50	10 00

## Iris Germanica • German Iris

	12	100
<b>Ambassadeur.</b> Reddish violet standards; falls deep yellow.....	\$1 25	\$9 00
<b>Candelabra.</b> Light mauve, blotched with violet.....	1 25	9 00
<b>Caprice.</b> Purple, heavily veined.....	1 25	9 00
<b>Eldorado.</b> Fiery opalescent.....	1 25	9 00
<b>Gold Imperial.</b> Yellow, self-colored.....	1 25	9 00
<b>Imperator.</b> Clear violet.....	1 25	9 00
<b>Lent A. Williamson.</b> Violet and royal purple.....	1 25	9 00
<b>Lohengrin.</b> Rich silvery lilac.....	1 25	9 00
<b>Lord of June.</b> Blue, marked gold.....	1 25	9 00
<b>Loreley.</b> Marine-blue, bordered yellow.....	1 25	9 00
<b>Mme. Chobaut.</b> Cream, shaded buff and pink.....	1 25	9 00
<b>Quaker Lady.</b> Lavender, shaded yellow.....	1 25	9 00
<b>Queen Caterina.</b> Lavender-violet, orange beard.....	1 25	9 00
<b>Shekinah.</b> Pale yellow, lemon-colored beard.....	1 25	9 00
<b>W. J. Fryer.</b> Bright yellow; falls maroon.....	1 25	9 00

## Iris Kaempferi • Japan Iris

	12	100
<b>Astarte.</b> Double; dark violet.....	\$2 50	\$16 00
<b>Eumee.</b> Single; dark violet.....	2 50	16 00
<b>Gekka-no-nami.</b> White. Very early.....	2 50	16 00
<b>Gold Bound.</b> Fine double; pure white.....	2 50	16 00
<b>Hercules.</b> Double; clear lilac.....	2 50	16 00
<b>Kagaribi.</b> Lavender with yellow spot.....	2 50	16 00
<b>Koko-no-iro.</b> Purple and gold.....	2 50	16 00
<b>Mahogany.</b> Purplish mahogany-red.....	2 50	16 00
<b>Patrocle.</b> Single; dark violet.....	2 50	16 00
<b>Proserpine.</b> Single; rich blue on white.....	2 50	16 00
<b>Rose Anna.</b> Double; ivory-white; ruby-red veins.....	2 50	16 00

	12	100
<b>PAPAVER NUDICAULE.</b> Iceland Poppy.....		
<b>Coonara Pink.</b> Rose-pink.....	\$1 50	\$11 00
<b>El Monte.</b> Orange color.....	1 25	10 00
<b>Fakenham Hybrids.</b> Good range of colors.....	1 50	11 00
<b>White</b> .....	1 25	10 00
<b>Yellow</b> .....	1 25	10 00

	12	100
<b>PAPAVER ORIENTALE</b> .....		
<b>Apricot Queen.</b> True apricot color.....	2 00	12 00
<b>Beauty of Livermere.</b> Dark crimson.....	2 00	12 00
<b>Joyce.</b> Cherry-red.....	2 00	12 00
<b>Olympia.</b> Double; flame-scarlet.....	2 00	12 00
<b>Orientele.</b> Large, crimson-scarlet.....	2 00	12 00
<b>Mrs. Perry.</b> Salmon-pink.....	2 00	12 00
<b>Wurtembergia.</b> Dark scarlet.....	2 00	12 00

PEONIES. See page 17.

All plants travel at buyer's risk  
No orders sent C. O. D.



Oriental Poppy (*Papaver orientale*)

# Phlox stands among the half-dozen most popular perennials



Festiva Maxima Peonies

## Michell's Peonies

### A Select List of the Best Varieties

The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.

	12	100
<b>Albatre.</b> Pure white, carmine on center petals.....	\$3 25	\$20 00
<b>Alexandre Dumas.</b> Brilliant pink.....	3 25	20 00
<b>Baroness Schroeder.</b> White, with shadings of flesh....	3 50	22 00
<b>Charles McKellip.</b> Rich crimson.....	3 50	22 00
<b>Chestine Gowdy.</b> Silvery pink.....	3 25	20 00
<b>Eugenie Verdier.</b> Pale hydrangea-pink.....	3 25	20 00
<b>Felix Crousse.</b> Medium bright red.....	3 25	20 00
<b>Festiva Maxima.</b> White, crimson markings.....	3 00	20 00
<b>Germaine Bigot.</b> Excellent pink.....	3 00	20 00
<b>Karl Rosenfield.</b> Pure rich crimson.....	3 00	20 00
<b>La Fee.</b> Mauve-rose, collar creamy white.....	4 50	32 50
<b>Milton Hill.</b> Flesh-color.....	4 50	32 50
<b>Mme. Crousse.</b> Soft salmon-pink.....	3 00	20 00
<b>Modeste Guerin.</b> Light solferino-red.....	3 25	20 00
<b>Mons. Jules Elie.</b> Glossy lilac-pink.....	3 25	20 00
<b>Primevere.</b> Sulphur-white, deep sulphur-yellow center..	5 00	40 00
<b>Princess Beatrice.</b> Large; violet-rose, cream-white collar	3 25	20 00
<b>Therese.</b> Rich satiny pink.....	5 00	40 00
<b>Umbellata Rosea.</b> Pink.....	3 25	20 00
<b>Walter Faxon.</b> Coral-pink.....	5 00	40 00

## Hardy Phlox • Phlox decussata

	12	100
<b>Admiral.</b> Reddish pink.....	\$2 00	\$11 00
<b>Africa.</b> Carmine-red, with blood-red eye.....	2 00	11 00
<b>B. Comte.</b> Amaranth.....	2 00	11 00
<b>Beacon.</b> Brilliant cherry-red.....	2 00	11 00
<b>Betty Lou.</b> Salmon-pink.....	2 00	11 00
<b>Blue Hill.</b> The nearest to blue in Phlox.....	2 00	11 00
<b>Bridesmaid.</b> Pure white; crimson-carmine eye.....	2 00	11 00
<b>Columbia.</b> Cameo-pink.....	2 25	12 00
<b>Firebrand.</b> Brilliant orange-scarlet.....	2 00	11 00
<b>Jules Sandeau.</b> Pink.....	2 00	11 00
<b>Miss Lingard.</b> Pearly white.....	2 00	11 00
<b>M. French. New.</b> Vermilion.....	2 00	11 00
<b>Mme. P. Dutrie.</b> Soft pink.....	2 00	11 00
<b>Mrs. Charles Dorr.</b> Clear lavender.....	2 00	11 00
<b>Mrs. William Jenkins.</b> Pure white.....	2 00	11 00
<b>Nicholas Flammel.</b> Large; red.....	2 00	11 00
<b>Rheinlander.</b> Salmon-pink with claret eye.....	2 00	11 00
<b>R. P. Struthers.</b> Rosy carmine, shaded orange.....	2 00	11 00
<b>Special French.</b> Glowing pink.....	2 00	11 00
<b>Thor.</b> Deep salmon-pink, small aniline-red eye.....	2 00	11 00

## Phlox subulata • Moss Pinks

Most valuable for the rockery, the border, and for carpeting.

	12	100
<b>Alba.</b> Pure white.....	\$1 75	\$10 00
<b>Apple Blossom.</b> Apple-blossom-pink.....	2 00	12 00
<b>Atropurpurea.</b> French purple.....	2 00	12 00
<b>Blue Hill.</b> Deep blue.....	2 00	12 00
<b>Lilacina.</b> Light lilac.....	1 50	10 00
<b>Rosea.</b> Rose-pink.....	1 50	10 00
<b>Vivid.</b> Bright pink, fiery red eye.....	2 00	11 00
<b>Divaricata (canadensis).</b> Lavender.....	1 50	10 00
<b>Divaricata Laphami.</b> Purplish blue.....	2 00	12 00
<b>Amœna.</b> Pink.....	1 50	10 00

## Michell's Roses

We supply extra-strong, 2-year-old budded stock, strictly A No. 1 Grade. Ready November and December.

### EVERBLOOMING HYBRID TEA ROSES

<b>Autumn.</b> Orange.	<b>Margaret McGredy.</b> Orange-scarlet.
<b>Briarcliff.</b> Rose-pink.	<b>McGredy's Scarlet.</b>
<b>Caledonia.</b> White.	<b>Mme. Butterfly.</b> Light pink.
<b>Dame E. Helen.</b> Pink.	<b>Mme. Herriot.</b> Coral-pink.
<b>E. G. Hill.</b> Scarlet.	<b>Mme. Jules Bouche.</b> White.
<b>Golden Dawn.</b>	<b>Mrs. Aaron Ward.</b> Yellow.
<b>Golden Rapture.</b>	<b>Mrs. Charles Bell.</b> Pink.
<b>Gruss an Teplitz.</b> Red.	<b>Mrs. E. P. Thom.</b> Yellow.
<b>Joanna Hill.</b> Yellow.	<b>Ophelia.</b> Salmon.
<b>Kaiserin Auguste Viktoria.</b> White.	<b>Radiance.</b> Pink.
<b>Killarney Double White.</b>	<b>Red Radiance.</b> Cerise.
<b>Lady A. Stanley.</b> Pink.	<b>Talisman.</b> Yellowish copper.

Prices of above Hybrid Teas, \$3.75 for 10; per 100, \$30.00

### HYBRID PERPETUAL ROSES

<b>American Beauty.</b> Crimson.	<b>Magna Charta.</b> Rose-pink.
<b>Frau Karl Druschki.</b> White.	<b>Mrs. John Laing.</b> Light pink.
<b>General Jacqueminot.</b> Red.	<b>Paul Neyron.</b> Rose-pink.
<b>Georg Arends.</b> Light pink.	<b>Ulrich Brunner.</b> Carmine-red.

Prices of above Hybrid Perpetuals, \$3.75 for 10; per 100, \$30.00

### POLYANTHA ROSES

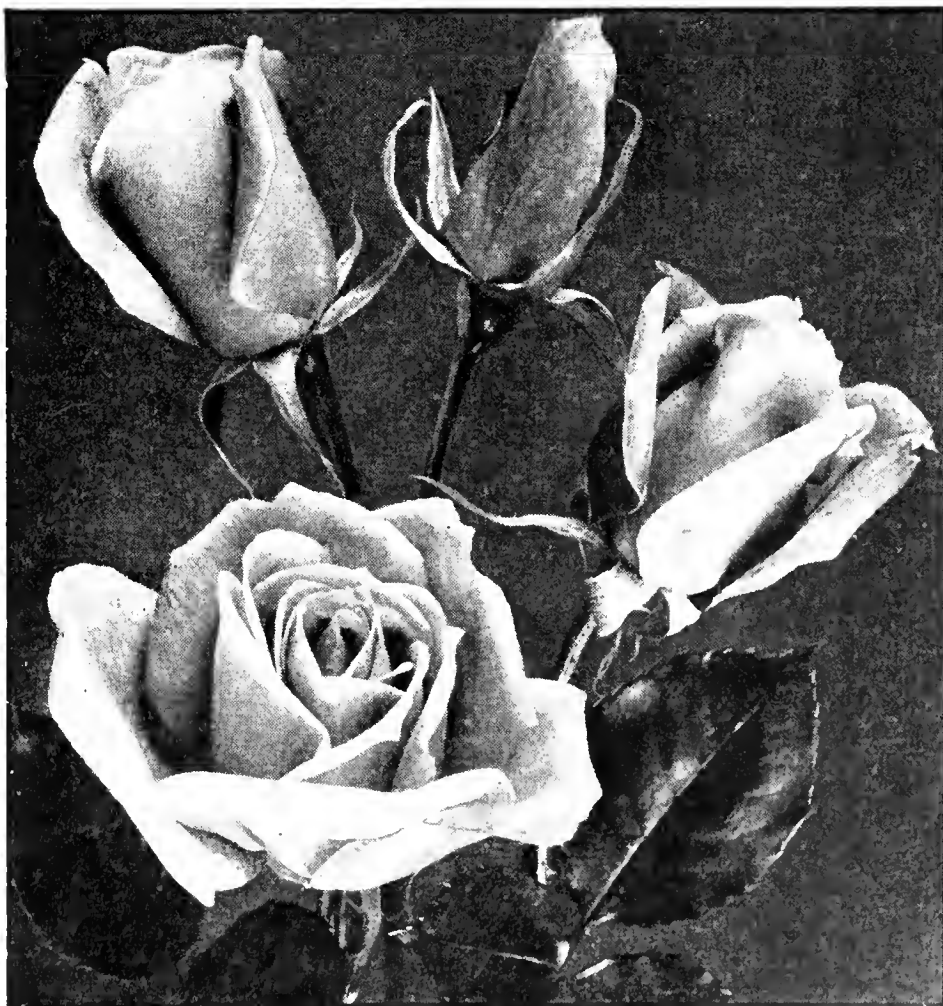
<b>Cecile Brunner.</b> Creamy pink.	<b>Ideal.</b> Crimson.
<b>Else Poulsen.</b> Rose-pink.	<b>Improved Lafayette.</b> Red.
<b>Fluffy Ruffles.</b> Silvery rose.	<b>Marie Pavic.</b> Pure white.
<b>Gloria Mundi.</b> Orange-scarlet.	<b>Mrs. R. M. Finch.</b> Rosy pink.
<b>Golden Salmon.</b> Orange.	<b>Triomphe d'Orleans.</b> Cherry-red.

Prices of above Polyanthas, \$3.75 for 10; per 100, \$30.00

### CLIMBING ROSES

<b>American Pillar.</b> Single; pink.	<b>Emily Gray.</b> Yellow.
<b>Chaplin's Pink.</b>	<b>Jacotte.</b> Yellow.
<b>Climbing American Beauty.</b> Rose.	<b>Mary Lovett.</b> White.
<b>Dorothy Perkins.</b> Pink.	<b>Paul's Scarlet.</b> Red.
<b>Dr. W. Van Fleet.</b> Pink.	<b>Silver Moon.</b> White.

Prices of above Climbers, \$3.75 for 10; per 100, \$30.00



Hybrid Tea Roses

# Michell's "Distinctive" Flower Seeds

"Distinctive" Strains of Flower Seeds for the florist are one of our specialties, and no trouble or expense is spared in our endeavor to supply only the best and most improved strains, from both home and foreign growers.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE—Half trade packets are supplied only where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent from our Retail Catalog prices.

## SEEDS OF ANNUALS AND GREENHOUSE PLANTS

### Antirrhinum · Snapdragon

#### SPECIAL FORCING VARIETIES

#### Michell's Naomi. 1939 Introduction

This new Snapdragon is a brilliant rose-pink with a light touch of yellow on the upper lip. Its exquisite coloring is even more vivid under artificial lighting. Immense flower-heads, 18 to 24 inches long, carry 75 and over, closely set, large, wide-open florets which measure over 2 inches, making the spike truly a giant. Its stems are heavy and as strong as wire. The keeping qualities are excellent, the spikes lasting in good condition for over a week. We are proud to offer this splendid

Snapdragon to our customers with the assurance that it will prove a real money-maker. (As the supply is limited, we suggest ordering early.) Trade pkt. (1200 seeds), \$2.00 each net; 3 trade pkts. \$6.00.

#### Michell's New Improved Rustproof, Cheviot Maid Supreme

We believe this to be the first rustproof variety in the forcing type. The color is a rich coral-rose, and the non-shattering, large florets are closely set on heavy spikes with good, long, wiry stems. 1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 3 trade pkts. \$2.50.

**Afterglow.** Golden bronze. 1/2 trade pkt. 60c.; \$1.00 per trade pkt.; 3 trade pkts. \$2.50.

**Bertha Baur.** (Schumann.) Lavender or orchid; fine large spikes. Trade pkt. \$1.50; \$4.00 for 3 trade pkts.

**Bezdek's New White Wonder.** A new, early-flowering, pure snow-white Snapdragon of outstanding merit. Free flowering, with close-set flower-heads on strong, long stems. Trade pkt. \$1.50; \$4.00 for 3 trade pkts.

**Bronze Queen.** Light bronze. Trade pkt. \$1.50; \$4.00 for 3 trade pkts.

**Captor.** (Breitmeyer.) Pure white; long spikes. Trade pkt. \$1.50; \$4.00 for 3 trade pkts.

Special Forcing Antirrhinum, continued	1/2 trade pkt.	Trade pkt.	3 trade pkts.
* <b>Celestial.</b> (Witterstaetter.) Early. Deep yellow.		\$1 00	\$2 50
<b>Ceylon Court.</b> Canary-yellow.....	\$0 60	1 00	2 50
<b>Ceylon Court.</b> Dark selection.....	60	1 00	2 50
<b>Cheviot Maid Supreme.</b> An improvement on Cheviot Maid, deeper in color and longer stem.	60	1 00	2 50
* <b>Cincinnati.</b> (Witterstaetter.) Large, fragrant, light rose-pink blooms.....		1 00	2 50
<b>Coate's Yellow Perfection.</b> Medium early. Fine deep yellow.....	60	1 00	2 50
* <b>Daybreak.</b> (Breitmeyer.) Strong, vigorous pink sort, identical in shade with Briarcliff rose....		1 50	4 00
* <b>Gilbert's Pink Queen Supreme.</b> A beautiful clear pink, several shades deeper than Cheviot Maid Supreme.....		2 00	5 00
* <b>Glorious</b> (Frank). Brilliant bronzy scarlet.....		2 00	5 00
<b>Helen.</b> Lovely salmon color.....	60	1 00	2 50
<b>Lucky Strike.</b> The best large-flowering white to date, producing stems 3 to 4 feet long, with large, open flowers that do not drop or shatter..	60	1 00	2 50
* <b>Marie Louise.</b> (Roasch.) Beautiful seashell-pink.....		2 00	5 00
* <b>Marion White.</b> (Schumann.) A real white.....		1 50	4 00
* <b>Miss Wooster.</b> Light bronze.....		1 00	2 50
* <b>New Dawn.</b> (Thompson.) Golden orange.....		1 00	2 50
* <b>Peggy Schumann.</b> An improved Sonny. Clear bright pink, compact flower-heads.....		2 00	5 00
<b>Philadelphia Pink.</b> Pure pink.... 1/4oz. \$1.00..		50	
* <b>Radiance.</b> (Thompson.) Fine, large-flowering rose-pink.....		1 00	2 50
<b>Rose Queen.</b> Dark pink.....	60	1 00	2 50
* <b>Schrock's Orchid.</b> (Schrock.) A beautiful orchid shade.....		2 00	5 00
* <b>Sunlite (Improved New Deal).</b> Golden bronze.		1 00	2 50
* <b>Sunset.</b> (Breitmeyer.) Beautiful golden bronze.		1 50	4 00
<b>Sun Tan.</b> Rose and tan color.....	60	1 00	2 50
* <b>Terry's Surprise.</b> (Improved.) Rich rose, shaded bronze.....		1 50	4 00
<b>Terry's Surprise.</b> (Regular Strain.).....		1 00	2 50
* <b>Velvet Beauty.</b> American-Beauty red.....		1 00	2 50
* <b>Westover Fringed White.</b> Popular New York market white.....		2 50	6 50
* <b>White Prosperity.</b> A long-stemmed, clear white.		1 50	4 00
<b>White Rock.</b> Extra early. Pure white..... 1/8oz. \$1.00..		50	
* <b>Yellow Cheviot Maid.</b> (Volz.) Finest clear yellow.....		1 00	2 50
<b>Michell's Special Forcing Mixed.</b> A choice blending of special forcing varieties..... 1/8oz. \$1.00..		50	

Half trade packets can be supplied only where listed

Varieties marked \* are in original grower's packets only

### Asparagus Plumosus Nanus

This has been one of our specialties for many years. Our seeds are of high germination and will produce extra-fine stock. Greenhouse-grown Seeds.

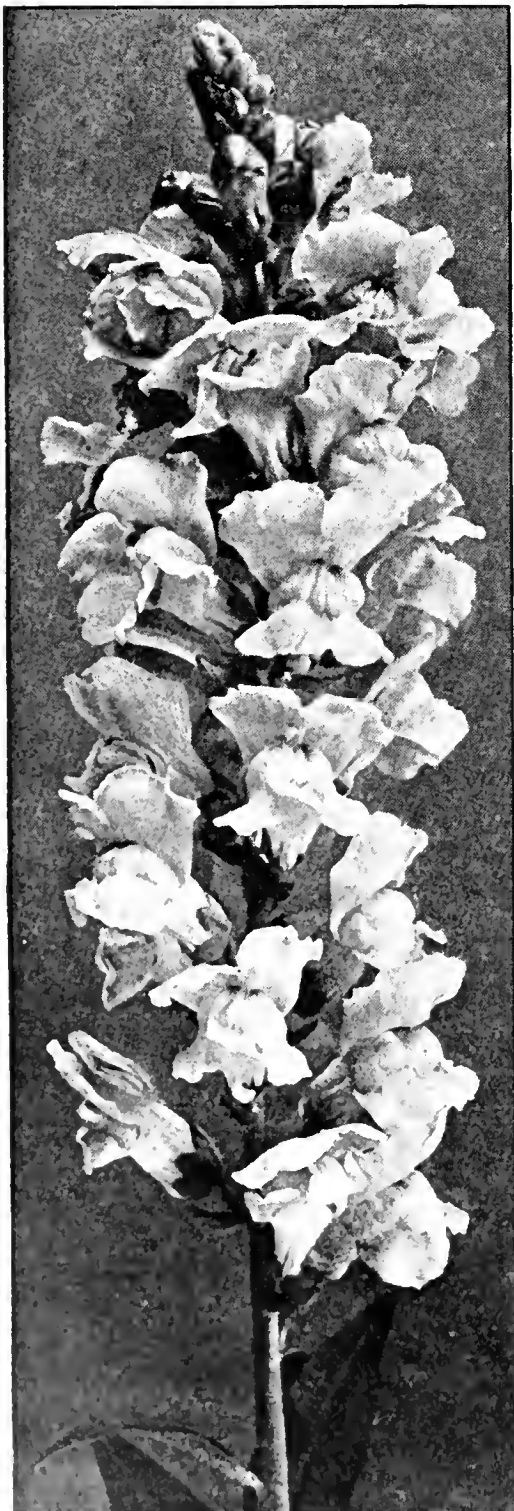
100 seeds.....	\$0 40	5,000 seeds.....	\$11 00
1,000 seeds.....	2 50	10,000 seeds.....	20 00
Lathhouse-grown Seeds.			
100 seeds.....	\$0 25	5,000 seeds.....	\$4 00
1,000 seeds.....	1 00	10,000 seeds.....	7 50

### Asparagus Sprengeri

100 seeds.....	\$0 25	5,000 seeds.....	\$4 00
1,000 seeds.....	1 00	10,000 seeds.....	7 50

Larger quantities of Asparagus seed quoted on application.

Seeds of Hardy Perennials are offered on pages 23 to 26



Antirrhinum (Snapdragon)



## Begonia semperflorens

As bedding plants there is nothing more satisfactory; also fine as pot-plants for winter flowering. Seeds sown in January make excellent flowering plants in May.

**Darling.** The plants are of ball shape and dwarf habit, growing approximately 8 inches high. Flowers are large and of a very brilliant carmine-rose.  $\frac{1}{2}$  trade pkt. 75c.; \$1.25 per trade pkt.

	Trade pkt.	$\frac{1}{2}$ oz.
<b>Albert Martin.</b> Bright carmine.....	\$0 50	\$1 00
<b>Christmas Cheer.</b> Bright crimson-scarlet.....	50	2 25
<b>Erfordia.</b> Pink.....	50	1 00
<b>Glow.</b> Dark red flowers. Foliage light bronze. Very free blooming and of extremely compact growth. Originator's Stock.....	75	2 50
<b>Gustav Knaake.</b> Large-flowering pink, with salmon shadings. Fine for pot-culture.....	50	1 50
<b>Salmon Queen.</b> Salmon-red.....	50	1 50
<b>Vernon.</b> Deep red.....	$\frac{1}{16}$ oz. 75c...	40
<b>Choice Mixed</b> .....	$\frac{1}{16}$ oz. 75c...	40

## Begonia gracilis

This type produces very compact little plants that are literally covered with flowers. An easy seller.

**Pink Pearl.** Of dwarf, compact habit, 6 to 8 inches high, this new Begonia is one of the very best for pot-culture. The plants form perfect balls and the flowers are well above the fresh green foliage. Original trade pkt. \$1.00.

**Red Pearl.** Same as above in growth, height, and blooming habit. Color brilliant dark scarlet. Original trade pkt. \$1.00.

	Trade pkt.	$\frac{1}{2}$ oz.
<b>Alba.</b> Pure white.....	\$0 25	\$0 50
<b>Carmen.</b> Bright pink flowers. Bronze foliage. $\frac{1}{4}$ oz. \$2.00..	1 00	
<b>Dwarf Luminosa.</b> Extra dwarf. Scarlet flowers. Bronze foliage.....	$\frac{1}{4}$ oz. \$2.00..	1 00
<b>Indian Maid.</b> A fine variety with bright, deep scarlet flowers and dark bronze foliage.....	$\frac{1}{4}$ oz. \$2.00..	1 00
<b>Luminosa.</b> Fiery dark scarlet.....	1 00	1 75
<b>Prima Donna.</b> Rose, shading to carmine.....	1 00	1 75
<b>Rosea.</b> Pink.....	25	50
<b>White Pearl.</b> Rich, fine white flowers.....	50	1 50

## Calendula • Pot Marigold

Special greenhouse forcing varieties

	Trade pkt.	$\frac{1}{4}$ oz.	Oz.	$\frac{1}{4}$ lb.
<b>Michell's Special Forcing, Orange.</b>				
Large, orange-yellow flowers.....	\$0 30		\$1 00	\$3 00
<b>Ball Apricot.</b> Straw-color, with brown center.....	40	\$0 60	2 00	6 50
<b>Ball Gold.</b> An extra long-stemmed, deep golden yellow sort.....	40	60	2 00	6 50
<b>Ball Lemon Queen.</b> Medium deep yellow, with dark brown center.....	40	60	2 00	6 50
<b>Ball Long Orange.</b> Long-stemmed; orange with light center.....	40	60	2 00	6 50
<b>Ball Orange.</b> Large, double, glowing orange flowers on long stems.....	40	60	2 00	6 50
<b>Ball Supreme.</b> Cadmium-orange, dark brown center.....	40	60	2 00	6 50
<b>Ball Mixture.</b> A choice mixture.....	30		1 00	3 00
<b>Campfire (Sensation).</b> Brilliant orange with scarlet sheen; yellow center.....	40	60	2 00	6 50

## Candytuft • Iberis

**Michell's Giant White.** Produces immense spikes of pure white bloom and is a superior strain. The best for forcing under glass for cutting and for pot-culture.....

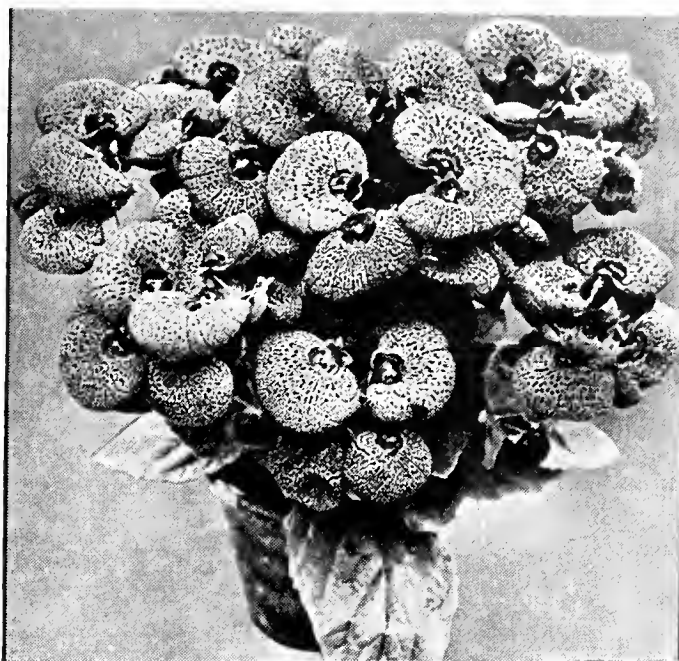
	Trade pkt.	Oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
	\$7.50 per lb...	\$0 20	\$0 75	\$2 25
<b>Lavender</b> .....	15	40	1 10	1 90
<b>Pink.</b> Flesh-color.....	15	40	1 10	1 90
<b>Purple</b> .....	15	40	1 10	1 90
<b>Rose-Cardinal.</b> Rosy red.....	15	50	1 50	2 50

## Centaurea

Cyanus • Cornflower

**SPECIAL FLORISTS' SUPER GIANT STRAIN.** We offer the following improved Giant Cornflowers, the blooms of which are fully double, with clear colors and long stems, making this strain an extra-fine one for florists' cut-flower purposes.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Blue Boy.</b> Deep cornflower-blue.....	\$0 15	\$0 50	\$1 50	\$5 00
<b>Pinkie.</b> Clear deep pink.....	15	50	1 50	5 00
<b>Red Boy.</b> The best deep red.....	15	50	1 50	5 00
<b>Snow Man.</b> Pure white.....	15	50	1 50	5 00
<b>Choice Mixture</b> .....	15	50	1 50	5 00



Calceolaria, Michell's Ramona

## Calceolaria

### NEW CALCEOLARIA, MICHELL'S RAMONA

This is a *Hybrida grandiflora nana* type which we are introducing, and we are convinced that it will become very popular with the florists. It is an exceptionally free-flowering variety of dwarf, compact habit. The flowers are large, well shaped, and beautifully tigered, and the mixture contains a fine range of colors in bronze, yellow, and red. An excellent pot-plant for Easter sales.  $\frac{1}{2}$  trade pkt. 85c.; \$1.50 per trade pkt.;  $\frac{1}{4}$ oz. \$5.00.

**Albert Kent Hybrids.** An excellent English variety for either greenhouse culture or outdoors. Medium-sized flowers in an excellent mixture.....  $\frac{1}{4}$ oz. \$2.25.. \$0 60 \$1 00

**Feltham Glory.** An attractive variety of fairly dwarf habit with flowers in a splendid color-range from bright scarlet to pure yellow, in self and spotted forms..... 1 00

**Golden Tiger.** Novelty. A new Multiflora nana type. Bright golden yellow flowers, spotted brownish red. Blooms are produced in masses that completely cover the plant, making it a splendid pot-plant for florists' use. 1 00

**Hybrida grandiflora.** Choice mixture.....  $\frac{1}{4}$ oz. \$2.00.. 60 1 00

**Hybrida grandiflora compacta.** Dwarf...  $\frac{1}{4}$ oz. \$2.00.. 60 1 00

**Hybrida multiflora nana.** Free-flowering type, with average-sized blooms about  $1\frac{1}{2}$  inches in diameter, in a choice mixture of orange, gold and lemon colors, beautifully spotted. 1 ft.....  $\frac{1}{4}$ oz. \$4.25.. 60 1 00

**Kelway's Perfect Model.** Originator's Stock. A very beautiful variety of the large-flowering type, containing a fine range of shades and markings, self-spotted, brownish and striped.....  $\frac{1}{4}$ oz. \$2.50.. 1 00

## Michell's Cinerarias

### CREMER'S PRIZE STRAIN. Wilt-resistant

This excellent new strain is the result of a cross between Multiflora nana, *Hybrida grandiflora*, and *Stellata*. The flowers are larger than Multiflora. Plants very compact with small leaves. Choice mixed colors. Original trade pkt. \$1.50; \$2.25 per  $\frac{1}{4}$ oz.;  $\frac{1}{2}$ oz. \$4.00; \$8.00 per  $\frac{1}{2}$ oz.

**MULTIFLORA, WEISSENSEER (WHITE SEA).** A new variety with flowers almost twice as large as the regular Multiflora nana strain. It comes in a fine range of blue, rose, and red shades, with each flower having white-zoned center. Plants small-leaved and of dwarf habit.  $\frac{1}{2}$  trade pkt. 75c.; \$1.25 per trade pkt.;  $\frac{1}{4}$ oz. \$2.25; \$4.00 per  $\frac{1}{2}$ oz.

**MULTIFLORA GRANDIFLORA MAXIMA.** Flowers extra large and in a wonderful range of colors. Mixed colors only.  $\frac{1}{2}$  trade pkt. 60c.; \$1.00 per trade pkt.;  $\frac{1}{4}$ oz. \$4.00.

**HOWARD & SMITH'S STRAIN.** A fine strain of large-flowering *Hybrida grandiflora*, large-leaved type, grown by a California specialist. Trade pkt. \$1.00; \$3.00 per  $\frac{1}{2}$ oz.

**MULTIFLORA NANA, POTSDAM AND BERLIN MARKET STRAIN.** Very dwarf and compact. Flowers of medium size. Mixed Colors.  $\frac{1}{2}$  trade pkt. 60c.; \$1.00 per trade pkt.;  $\frac{1}{4}$ oz. \$2.50.

**GRANDIFLORA, PRIZE STRAIN, Dwarf, Mixed.**  $\frac{1}{2}$  trade pkt. 60c.; \$1.00 per trade pkt.;  $\frac{1}{4}$ oz. \$2.50.

**Medium Tall, Mixed.**  $\frac{1}{2}$  trade pkt. 60c.; \$1.00 per trade pkt.;  $\frac{1}{4}$ oz. \$2.50.

**Stellata hybrida, Mixed.** Tall. Trade pkt. 50c.; \$1.00 per  $\frac{1}{4}$ oz.

Deduct 5% on Flower Seeds only, if cash accompanies order

## Lupins are growing in popularity



Michell's Giant Cyclamen

### Cyclamen

#### MICHELL'S GIANT SHOW. BINNEWEIS STRAIN (Original Packets)

**Note.**—Smallest quantity available is 100 seeds of a variety in original packets. 250 seeds of one variety at 1000 rate; less than 250 seeds of one variety at 100 rate.

	100 seeds	1000 seeds
No. 1. <b>Dark Blood-Red</b> .....	\$1 25	\$11 00
No. 2. <b>Bright Red</b> .....	1 25	11 00
No. 3. <b>Rose of Marienthal</b> . Bright pink.....	1 25	11 00
No. 4. <b>Pure Rose</b> .....	1 25	11 00
No. 5. <b>White with Carmine Eye</b> .....	1 25	11 00
No. 6. <b>Pure White</b> .....	1 25	11 00
No. 7. <b>Bonfire</b> . Brilliant scarlet.....	1 85	16 50
No. 8. <b>America</b> . Salmon-scarlet.....	2 20	17 50
No. 9. <b>Improved Salmon-Rose</b> .....	1 65	14 50
No. 10. <b>Glory of Wandsbek</b> . Salmon-red.....	1 65	13 00
No. 11. <b>Rose of Zehlendorf</b> . Salmon-pink.....	1 65	13 00
No. 12. <b>Orange Beauty</b> . Orange-vermilion.....	2 00	18 50
No. 15. <b>Safranin Red</b> .....	1 55	12 00
No. 18. <b>Mozart</b> . Deep pink.....	2 00	18 50
No. 19. <b>Lavender</b> . Bright lavender.....	1 25	11 00
No. 21. <b>Pink Pearl</b> . Novelty. Salmon-pink.....	2 00	18 50
<b>Mixed Colors</b> .....	1 25	11 00
<b>Rokoko, Mixed</b> . Large flowers, beautifully fringed.....	1 75	14 50

#### VOGT'S NEW DOUBLE FLOWERING

A distinct double flower of ten petals that comes 80 per cent true from seed. Will produce 30 per cent more blooms than the single types and also is fragrant.

	100 seeds	1000 seeds
<b>Admiration</b> . A beautiful salmon-rose with shaded eye.....	\$2 50	\$20 00
<b>Cerise Brilliant</b> . Large flowers of a rich cerise-red.....	2 50	20 00
<b>Prosperity</b> . Flaming rose with distinct silvery edging.....	2 50	20 00
<b>Rosea</b> . Soft rose with coral cast, shading light at tips of petals. A very pleasing shade.....	2 50	20 00
<b>Mixed Colors</b> .....	2 50	20 00

Larger quantities of Cyclamen seed quoted on application

### Didiscus • Blue Lace Flower

**Cærulea**. Lavender-blue, lace-like flowers. Sow seed in September, transfer into small pots, and after 4 weeks plant in a bench, leaving 4 inches between the plants and 1 foot between the rows. Grow in a carnation house temperature. Trade pkt. 25c.; \$1.00 per oz.

### Gerbera • Transvaal Daisy

Fine greenhouse perennials with large, daisy-like flowers. Excellent for pot-plants or for cutting.

	100 seeds	1000 seeds
<b>Jamesoni hybrida</b> . These include many brilliant colors and shades.....	\$0 40	\$3 00

Deduct 5% discount on Flower Seeds only, if cash accompanies order

## Gypsophila • Baby's Breath

**ELEGANS ALBA GRANDIFLORA**. A fine, easily grown annual, flowering to a marketable condition in six weeks. Excellent for cutting.

**Covent Garden Market (London Market)**. Oz. ¼lb. Lb.  
(Improved Strain.) Very large flowering, with 6 to 8 petals; pure white. We consider this the best variety on the market.....

5 lbs. \$6.50.. \$0 20 \$0 50 \$1 60  
**Paris Market Strain**. A popular standard sort. Very early..... 5 lbs. \$5.00.. 15 40 1 25

**Elegans carminea**. Bright carmine-rose..... 25 75 2 50  
**Elegans rosea**. Delicate pink..... 25 75 2 50

## Larkspur

### GIANT IMPERIAL

This new group of Larkspurs is identical in branching habit to the Giant Imperial Stock. Flowers very double. Plants of robust habit of growth. 3 to 4 ft.

#### New Varieties

	Trade pkt.	Oz.	¼lb.
<b>Blue Bell</b> . Clear light blue.....	\$0 25	\$1 00	\$3 00
<b>Blue Spire</b> . An intense deep Oxford-blue.....	25	1 00	3 00
<b>Carmine King</b> . Rich carmine.....	25	1 00	3 00
<b>Exquisite Pink, Improved</b> . An excellent improvement over the old type. Beautiful salmon-pink. Comes practically 100 per cent true.....	25	1 00	3 00
<b>Exquisite Rose</b> . A beautiful rose-pink.....	25	1 00	3 00
<b>Gloria</b> . Fine deep rose.....	25	1 00	3 00
<b>Lilac Queen</b> . Rich lilac, shading lavender-blue..	25	1 00	3 00
<b>Lilac Spire</b> . Bright lilac.....	25	1 00	3 00
<b>Los Angeles</b> . A fine variety. Rich salmon, overlaid with brilliant rose.....	25	1 00	3 00
<b>Sweet Lavender</b> . Light lavender-blue.....	25	1 00	3 00
<b>White King</b> . Novelty. All-America Winner. Giant, pure white flowers on long spikes.....	25	1 00	3 00
<b>White Spire</b> . Pure white.....	25	1 00	3 00
<b>Mixed</b> .....	20	75	2 50

#### TALL BRANCHING STOCK-FLOWERING LARKSPUR

These grow about 4 feet high.

	Trade pkt.	Oz.	¼lb.	Lb.
<b>Dark Blue</b> .....	\$0 15	\$0 50	\$1 50	\$5 00
<b>Exquisite</b> . Soft pink.....	15	50	1 50	5 00
<b>Lilac</b> .....	15	50	1 50	5 00
<b>Lustrous Carmine (Newport Pink)</b> .....	15	50	1 50	5 00
<b>Shell-Pink</b> .....	15	50	1 50	5 00
<b>Sky-Blue</b> .....	15	50	1 50	5 00
<b>White</b> .....	15	50	1 50	5 00
<b>Mixed</b> .....	15	40	1 25	4 00

## Lupinus (Annual)

Very attractive and popular as a cut-flower. For an early crop, sow seed in September or October, pot up and later transfer to a solid bed. Allow from 12 to 14 inches between the plants. Grow in a temperature of 45° to 50°.

#### NEW HARTWEGI or KING (Novelty)

An improved strain, 3 to 4 feet high, with base-branching habit, each plant producing 4 to 6 spikes of bloom.

	Trade pkt.	Oz.
<b>King Blue</b> . Rich Oxford-blue.....	\$0 15	\$0 60
<b>King Sky-Blue</b> . Clear light blue.....	15	60
<b>King White</b> . Glistening pure white.....	15	60
<b>Choice Mixture</b> .....	15	50

#### STANDARD ANNUAL VARIETIES

	Trade pkt.	Oz.	¼lb.	Lb.
<b>Pink</b> .....	\$0 15	\$0 25	\$0 75	\$2 75
<b>Rich Blue</b> .....	15	25	75	2 75
<b>Sky-Blue</b> .....	15	25	75	2 75
<b>White</b> .....	15	25	75	2 75
<b>Mixed</b> .....	15	25	65	2 40

## Marigold, Winter-flowering

	Trade pkt.	Oz.
<b>Australian Giant or Tree</b> . A fine variety for forcing. Strong grower with long-stemmed, mahogany-red flowers, having golden yellow crested centers.....	\$0 25	\$0 75
<b>Lieb's</b> . A new winter cut-flower type. Flowers deep brown, with golden yellow centers.....	¼oz. \$1.00..	50

## Mignonette

	Trade pkt.	Oz.
<b>Ball's Forcing Strain</b> . Early-flowering, greenhouse forcing type. Produces, when disbudded, exceptionally large spikes.....	¼oz. \$1.75..	1 00 6 00

HENRY F. MICHELL CO.

## Michell's Giant Pansies

The following list comprises the best of the new European creations and the popular American varieties. We feel sure that these will please the most discriminating gardener.

### MICHELL'S NEW GIANT CLIMBING

This strain is the result of careful selection of several leading varieties of winter-flowering Pansies, and we believe our stock to be the finest of its type. Its plants grow to a height of 3 feet and produce immense blooms on stems from 16 to 18 inches long. The colors are a pleasing blend of light and dark shades. This Pansy has very free-flowering qualities, making the strain ideal for winter blooming, when the flowers will command a high price. We offer strictly new-crop seed. Trade pkt. (200 seeds) \$1.50; \$4.00 for 3 trade pkts.

### NEW GIANT PANSY, MICHELL'S SPRINGTIME

We are pleased to offer this fine new early-flowering Giant Pansy whose blooms measure 3½ to 4 inches across, and come in a superior mixture of light colors so popular in the spring garden. The plants are of very dwarf habit. An excellent type for early sales in boxes or baskets.

Trade pkt. 50c.; \$1.00 per ¼oz.; ¼oz. \$1.75; \$6.50 per oz.

### MAPLE-LEAF GIANTS

A new variety producing giant flowers measuring 4 to 6 inches across, of perfectly round shape and in an excellent mixture. This is without doubt the largest of the giant-flowering types and for exhibition purposes and private trade, the florist should grow some of this strain.

Trade pkt. 50c.; \$2.25 per ¼oz.; oz. \$8.00

### AMERICA

A very select, extra-early, dwarf giant-flowering strain. The plants are short, stocky and of vigorous growth, exceptionally free flowering and in a fine mixture of popular shades. For florists and market gardeners, this is undoubtedly the money-making Pansy.

Trade pkt. \$1.00; \$1.50 per ½oz.; ¼oz. \$2.75; \$10.00 per oz.

### ENGELMANN'S SPECIAL MIXTURE

A new variety and a truly Giant Pansy that is in a class by itself. Flowers 3 to 4 inches across, on long, heavy stems, and produced well above the foliage. Contains a great variety of colors, both light and dark, with a good percentage of bronze and red shades.

Trade pkt. 75c.; \$2.25 per ¼oz.; oz. \$8.00

### MICHELL'S NEW SWISS GIANTS

We are proud to offer this excellent strain to our trade. The flowers are enormous, of beautiful velvety texture, on long stems and in a mixture that is unsurpassable for its many unusual colors such as salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. This variety is also excellent as a cut-flower.

Trade pkt. \$1.00; \$1.50 per ½oz.; ¼oz. \$2.75; \$10.00 per oz.

### SWISS GIANTS (ROGLI)

	Trade pkt.	¼oz.	Oz.
<b>Alpenglow.</b> A fine range of cardinal-red shades with dark blotches.....	\$0 50	\$1 75	\$6 00
<b>Berna.</b> Very rich, velvety purple-violet.....	50	1 75	6 00
<b>Lake of Thun (Ullswater).</b> Color marine-blue with deep blue blotches.....	50	1 75	6 00
<b>Mont Blanc.</b> Nearly pure white, with three large blue blotches.....	50	1 75	6 00
<b>Rhinegold.</b> Golden yellow with black blotches..	50	1 75	6 00
<b>Roggli.</b> Improved Swiss Giants. Brilliant colors and shades. Excellent for greenhouse culture..			
½oz. \$1.00; \$22.00 per ¼lb...	50	1 75	6 00

### GIANT PRIZE OR BEDDING PANSIES Separate Colors

	Trade pkt.	Oz.	¼lb.
<b>Azure-Blue</b> .....	\$0 30	\$1 50	\$5 50
<b>Black-Blue</b> .....	30	1 50	5 50
<b>Emperor William.</b> Blue.....	30	1 50	5 50
<b>Hortensia-Red</b> .....	30	1 50	5 50
<b>King of the Blacks</b> .....	30	1 50	5 50
<b>Lord Beaconsfield.</b> Purple-violet.....	30	1 50	5 50
<b>Peacock.</b> Blue, claret, and white.....	30	1 50	5 50
<b>Snow Queen.</b> Pure white.....	30	1 50	5 50
<b>White with Eye</b> .....	30	1 50	5 50
<b>Pure Yellow</b> .....	30	1 50	5 50
<b>Yellow with Eye</b> .....	30	1 50	5 50
<b>Mrs. P. S. du Pont.</b> Golden apricot, flushed salmon..... ½ trade pkt. 30c...	50	7 00	



Michell's Giant Exhibition Pansy

### PANSIES, GIANT-FLOWERING MIXTURES

	Trade pkt.	Oz.	¼lb.
<b>Michell's Giant Exhibition, Mixed.</b> A giant strain of heavy texture and varied shades and colors..... ½oz. \$1.00; \$1.75 per ¼oz...	\$0 50	\$6 50	\$24 00
<b>Triumph of the Giants, Mixed.</b> Many beautiful, rich and rare shades..... ¼oz. \$2.25...	1 00	8 00	30 00
<b>Giant Trimardeau, Mixed</b> .....	25	1 25	4 00
<b>Mme. Perret.</b> Especially rich in red shades....	30	1 50	5 50
<b>Masterpiece.</b> Frilled Pansy. Curled or waved..	50	3 00	10 00
<b>Fine English Mixed.</b> Large flowering.....	25	1 00	3 00

## Michell's Primulas

### NEW GIANT OBCONICAS

The following three are new Giant varieties that produce immense trusses of larger flowers than any other strain.

	Trade pkt.	¼oz.
<b>Bavarian Blood-Red (Bayernblut).</b> Deep blood-red... \$1 50	\$1 50	\$3 00
<b>Sky-Blue (Konigsee).</b> Bright blue with yellow eye....	1 50	3 00
<b>Snowfall (Schneelawine).</b> Pure white.....	1 50	3 00
¼oz. of the above three varieties available in glass tubes		

### OBCONICA

	Trade pkt.	¼oz.
These are excellent pot-plants for winter blooming.		
<b>Fasbender.</b> Very compact grower with enormous, deep crimson blooms..... ½ trade pkt. 60c...	\$1 00	\$2 00
<b>Mohnstein, Atrosanguinea.</b> Dark red.....	1 00	2 00
<b>Mohnstein, Kermesina.</b> Crimson.....	1 00	2 00
<b>Mueller.</b> (Berlin.) Bright rose.....	1 00	2 00
<b>Mueller and Mohnstein, Mixed.</b> Shades of pink and red.	1 00	2 00
<b>Gigantea Monster, Mixed.</b> A large-flowering strain....		
½oz. \$2.00... 1 00	1 00	
<b>Grandiflora Hybrids, Mixed</b> ..... ¼oz. \$1.50...	50	

### MALACOIDES

	Trade pkt.	3 trade pkts.
<b>Erikssoni, Baby Rose.</b> Deep rose-pink.....	\$1 00	\$2 50
<b>Erikssoni, Brilliancy.</b> Opens lavender, changing to crimson-red.....	1 00	2 50
<b>Erikssoni, New Baby.</b> Large clear lavender-pink flowers.	1 00	2 50
<b>Erikssoni, Wonder Baby.</b> Bright pink.....	1 00	2 50
<b>Dawkin's Carmine-Pink.</b> Rich glowing carmine-pink; flowers large.....	50	\$3 00
<b>Lilac.</b> Improved Baby Primrose..... ½oz. \$1.00...	50	
<b>Princess Patricia.</b> Beautiful lavender-pink flowers....	50	2 00
<b>Pink Beauty.</b> Deep rosy pink flowers.....	50	1 00
<b>Snow Queen.</b> Single; white.....	75	

### FRINGED CHINESE VARIETY

	½ trade pkt.	Trade pkt.
<b>Michell's Prize Mixture.</b> This mixture contains only the very finest sorts..... ¼oz. \$3.00...	\$0 60	\$1 00



## New Spring-flowering Sweet Peas

This new type, after three years' testing under glass, has performed outstandingly well in the spring months, giving excellent flowers on long stems when the Early-flowering types had given out. The Spring-flowering type also gives a much heavier crop of flowers than the standard Earlies. Seed should be sown in Sep-

tember or October in the greenhouse for flowering during March, April, and May. The outstanding merits of this strain are: first, the great vigor of growth; second, the ability to grow during the warm weather; third, the unusually long and stout stems.

- Spring-flowering Rose-Pink.** A beautiful clear rose-pink shade ..... 1/2oz. 75c.; \$1.40 per oz.; 1/4lb. \$5.50  
**Spring-flowering Blue.** A splendid clear marine-blue ..... 1/2oz. 75c.; \$1.40 per oz.; 1/4lb. \$5.50  
**Spring-flowering Lavender.** A fine clear lavender shade ..... 1/2oz. 75c.; \$1.40 per oz.; 1/4lb. \$5.50

## Michell's Winter-flowering Spencer or Orchid Sweet Peas

### New and Novelty Sweet Peas

#### EARLY OR WINTER FLOWERING

**Treasure Island.** An outstanding variety named for the Golden Gate International Exposition. The color is sparkling golden orange and the flowers are huge, measuring 2 1/2 inches across, and 2 inches deep. It is also a very strong grower, throwing a majority of fours on 18 to 20-inch stems. The best variety of its color.

1/2oz. 60c.; \$1.00 per oz.; 1/4lb. \$3.50

**Ball Improved Orange.** A splendid large-flowering clear, deep glowing orange sort.

Oz. 45c.; \$1.60 per 1/4lb.; lb. \$5.50

**Boon.** A fine deep salmon-pink on a light cream ground.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Bridesmaid.** Novelty. A delicate, sparkling shade of silver-pink and as vigorous and healthy and as slim and supple as the name implies. Bridesmaid bids fair to outstrip the field in popularity as a cut-flower in a table arrangement, its large flowers usually in fours on 14 to 16-inch stems. Ideal for shipping.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Daphne.** An exquisite soft salmon-pink on a cream ground. The flowers are of great size.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Delicious.** This splendid new early-flowering variety is a lovely new color—a shade of pale salmon and cream delightfully blended. The flowers are huge, and the habit and length of stems are everything a good Sweet Pea should have.

Oz. 50c.; \$1.75 per 1/4lb.; lb. \$6.00

**Eleanor Blue.** Clear light blue with a delightful silvery sheen.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Florists' Blue.** A very vigorous grower with large, clear pure blue flowers.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Florists' Rose.** The color is a pure rich rose-pink. Blooms are immense, on long stems.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Michell's Rose Wonder.** A beautiful clear, sparkling rose-pink color on a light ground. Very brilliant under artificial light.

Oz. 45c.; \$1.50 per 1/4lb.; lb. \$5.00

**Miss Annie Laurie.** The richest tone of pure rose-pink ever introduced in a Sweet Pea.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Princess Blue.** The largest-flowered, light lavender-blue, early-flowering sort that we have seen; exceptionally long stems.

Oz. 50c.; \$1.75 per 1/4lb.; lb. \$6.00

**Sensation.** Duplex. The large duplex-petaled flowers give the blooms the appearance of being double. Color, a clear-toned, luminous geranium-pink which is a new shade in the early varieties and excellent under artificial light.

Oz. 50c.; \$1.75 per 1/4lb.; lb. \$6.00

**Shirley Temple.** This Sweet Pea, which we consider the most beautiful we have ever originated, was obtained through a cross between Pinkie and Lady Gay. It has inherited blooms with the size and richness of color in Pinkie, plus the dainty frilled and fluted flowers of Lady Gay. Stems long, with four very large blooms on each stem.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Sweet Briar.** A mammoth, rich rose-pink on a white ground, with a touch of amber. Rich and gorgeous.

Oz. 40c.; \$1.20 per 1/4lb.; lb. \$4.00

**Triumph.** A beautiful clear shade of soft lilac-mauve, without a tinge of purple or blue.

Oz. 50c.; \$1.75 per 1/4lb.; lb. \$6.00

### General List of Sweet Peas

	Oz.	1/4lb.	Lb.
<b>Amethyst.</b> An early royal purple.....	\$0 30	\$1 00	\$3 40
<b>Aviator.</b> Flowers extra large, dazzling crimson-scarlet.....	30	1 00	3 40
<b>Ball Blue.</b> Fine form; clear even blue.....	30	1 00	3 40
<b>Ball Orange.</b> Intense clear glowing orange.....	30	1 00	3 40
<b>Ball Rose Improved.</b> Sparkling shade of deep rose.....	40	1 20	4 00
<b>Blue Bird.</b> A charming shade of blue.....	30	1 00	3 40
<b>Burpee's Orange.</b> Clear, glistening orange.....	30	1 00	3 40
<b>Columbia.</b> Salmon standard; white wings.....	30	1 00	3 40
<b>Eileen.</b> Rich begonia-rose, with salmon shadings, changing under certain lights to a dazzling cerise. This two-tone effect gives it a brilliancy never before obtained.....	30	1 00	3 40
<b>Fascination.</b> Salmon-rose-pink color of the famous late Hawlmark Pink, plus the long, strong stem of the early Jeanne Mamitsch....	30	1 00	3 40
<b>Florence Michell.</b> An extra-fine deep blue.....	40	1 20	4 00
<b>Fragrance.</b> A clear lavender self; flowers large, beautifully frilled and on enormous, long, strong stems. Very free bloomer.....	30	1 00	3 40
<b>Giant Rose.</b> A large, improved Zvolanek's Rose color. Extra-fine variety.....	30	1 00	3 40
<b>Glitters (Early Royal Scot).</b> Standard bright fiery orange; wings deep orange.....	30	1 00	3 40
<b>Grenadier.</b> Dazzling scarlet.....	30	1 00	3 40
<b>Harmony.</b> A beautiful clear lavender.....	30	1 00	3 40
<b>Hope.</b> The finest black-seeded pure white to date. Flowers of mammoth size.....	40	1 20	4 00
<b>Jeanne Mamitsch.</b> Flowers large, on long stems; color, a beautiful shade of rose-pink.....	30	1 00	3 40

	Oz.	1/4lb.	Lb.
<b>Josie.</b> Rich, clear rose-pink; very large, long-stemmed flowers. A vigorous grower.....	\$0 30	\$1 00	\$3 40
<b>Lavender King.</b> Rich, true deep lavender throughout; of large size and well waved.....	30	1 00	3 40
<b>Majestic Rose.</b> Deep brilliant rose-pink.....	30	1 00	3 40
<b>Mrs. Herbert Hoover (The California Blue).</b> Flowers are clear blue; stems very long.....	30	1 00	3 40
<b>Pink Profusion.</b> A sparkling shade of rich pink; flowers large.....	30	1 00	3 40
<b>Rose Queen.</b> A most attractive shade of rose-pink.....	30	1 00	3 40
<b>Sequoia.</b> Novelty. Enormous, rich golden cerise flowers so frilled and with wings so widespread that unless one looks closely he mistakes a single flower for two. The folds of the petals have a tinge of russet. Free flowering and a strong, vigorous grower.....	30	1 00	3 40
<b>Snowstorm, Improved.</b> One of the best early-flowering white Sweet Peas to date.....	30	1 00	3 40
<b>Susanna.</b> Large flowers of a rich carmine color, on long stems. An improvement over existing varieties in this color.....	30	1 00	3 40
<b>Top Hat.</b> A fine grower with flowers of a deep bright violet color—a beautiful shade under artificial light.....	30	1 00	3 40
<b>Valencia.</b> A bright orange in color and absolutely sun-proof. Stems long.....	30	1 00	3 40
<b>White Harmony.</b> A black-seeded variety. Flowers large, pure paper-white, of grand substance, on long stems.....	30	1 00	3 40
<b>Zvolanek's Rose.</b> Rose-pink.....	30	1 00	3 40
<b>Michell's Winter-flowering Spencer, Mixed...</b>	25	75	2 50

## Michell's Distinctive Stocks

### GIANTS OF CALIFORNIA

This magnificent new group is so marked in improvement that we believe it will head the list in florists' forcing Stocks in the very near future. Giants of California are very early flowering, with a high percentage of double mammoth flowers and have the branching habit of the Bismarck.

	1/2 trade pkt.	Trade pkt.	1/4oz.	Oz.
<b>Golden Gate.</b> Clear golden yellow.....	\$0 30	\$0 50	\$1 00	\$3 50
<b>Monterey.</b> Bright pink.....	30	50	1 00	3 50
<b>Pacific.</b> Light blue.....	30	50	1 00	3 50
<b>Redwoods.</b> Blood-red.....	30	50	1 00	3 50
<b>Santa Barbara.</b> Chamois.....	30	50	1 00	3 50
<b>Santa Maria.</b> White.....	30	50	1 00	3 50
<b>Tahoe.</b> Lavender.....	30	50	1 00	3 50
<b>Yosemite.</b> Rose.....	30	50	1 00	3 50
<b>Splendid Mixture</b> .....	30	50	1 00	3 50

### GIANT COLUMN, NON-BRANCHING DOUBLE EXCELSIOR

This new type produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together. We have discontinued listing the other separate colors in this type, due to its being practically impossible to obtain seed that will prove satisfactory and give a high percentage of doubles. Those listed are, in the opinion of most florist growers, the only reliable colors to grow.

The following two are an improvement over any other Stock. They are exceptionally large flowered and very double.

	1/2 trade pkt.	Trade pkt.	1/4oz.	Oz.
<b>Golden Rose.</b> Deep rose suffused gold— a very attractive color.....	\$0 60	\$1 00	\$2 25	\$8 00
<b>Snowball.</b> A grand pure white with clear, glistening flowers.....	60	1 00	2 25	8 00
<b>Ball White.</b> .....	60	1 00	2 25	8 00
<b>Ball Dwarf White.</b> .....	60	1 00	2 25	8 00
<b>Chamois-Rose (Chamois-Pink)</b> .....	60	1 00	2 25	8 00
<b>Illusion.</b> Scarlet-red; beautiful under artificial light.....	60	1 00	2 25	8 00
<b>Rose Pink.</b> All-America winner.....	60	1 00	2 25	8 00
<b>Silvery Lilac (Lilac-Lavender)</b> .....	60	1 00	2 25	8 00
<b>Mixed</b> .....	60	1 00	2 00	7 00

### EARLY GIANT IMPERIAL, IMPROVED BISMARCK

An excellent addition to the early forcing class. They are of tall, branching habit, 2 to 2½ feet high, with immense spikes of large, double flowers. Especially valuable for indoor culture for cutting.

**NEW SUPER-GIANT IMPERIAL.** This new group is a select strain for florists' use. The plants are base branching and produce 12 to 15 huge flower-spikes made up of individual florets that measure 2 inches or more in diameter.

	1/2 trade pkt.	Trade pkt.	Oz.
<b>Dark Blue.</b> New shade.....	\$0 40	\$0 75	\$4 50
<b>Rose Charm.</b> Rich deep rose.....	40	75	4 50
<b>Roselight.</b> Bright rose.....	40	75	4 50

### Early Giant Imperial Stocks, continued

	1/2 trade pkt.	Trade pkt.	Oz.
<b>Antique Copper.</b> Rich hellebore-red.....	\$0 30	\$0 50	\$3 00
<b>Apple Blossom.</b> Blush-pink.....	30	50	3 00
<b>Buttercup.</b> A deeper shade than Canary-Yellow.....	30	50	3 00
<b>Canary-Yellow (Golden Ball)</b> .....	30	50	3 00
<b>Chamois.</b> Ivory, tinted old-rose.....	30	50	3 00
<b>Elk's Pride.</b> Intense royal purple.....	30	50	3 00
<b>Fiery Blood-Red.</b> Extra fine.....	30	50	3 00
<b>Golden Rose</b> .....	30	50	3 00
<b>Lavender</b> .....	30	50	3 00
<b>Lilac</b> .....	30	50	3 00
<b>Rose-Pink</b> .....	30	50	3 00
<b>White</b> .....	30	50	3 00
<b>Mixed Colors</b> .....	30	50	2 50

### Schizanthus • Butterfly Flower

	Trade pkt.	Oz.
<b>Dwarf Large-flowering.</b> A compact variety and very free flowering. Excellent for pots. Mixture... 1/4oz. \$1.25..	\$0 50	
<b>Garraway's Hybrids.</b> A beautiful greenhouse strain....	40	\$2 00
<b>Giant Pansy-flowered.</b> Large pansy-flowered blooms in a wide range of rich colors. Excellent for cutting.....	1/8oz. \$1.00..	50
<b>Hybridus grandiflorus, Mixed.</b> Dwarf.....	20	75
<b>Wisetonensis.</b> Various colors. Fine for pots.....	25	1 00

### Viola

	Trade pkt.	Oz.
<b>Avalanche.</b> Giant-flowering, pure white variety.....	\$0 50	\$3 00
<b>Arkwright Ruby.</b> Beautiful bright rosy crimson blooms, with terra-cotta shadings.....	50	6 00
<b>Yellow Queen.</b> Deep pure yellow flowers, coming prac- tically 100 per cent true from seed.....	50	6 00
<b>Jersey Gem.</b> This is the most popular and free blooming of all the Violas. Pure rich violet blooms. Dwarf in habit and continuously in bloom..... 1/8oz. \$2.00..	75	
<b>Bosniaca.</b> Johnny-jump-up. Free bloomer. Purple flowers.....	40	2 50
<b>G. Wermig.</b> Rich violet-blue. 8 in.....	50	5 00

### \*Viola Cornuta • Tufted Pansies

	Trade pkt.	Oz.
<b>Lord Nelson.</b> Large, violet-purple flowers.....	50	3 00
<b>Chantreyland.</b> Pure apricot, outstanding in color.....	50	5 00
<b>Admiration.</b> Dark blue.....	30	1 50
<b>Apricot Queen.</b> Apricot-yellow, tinged orange.....	50	5 00
<b>Mauve Queen.</b> Lovely mauve color.....	40	2 00
<b>Perfection.</b> Light blue.....	30	1 50
<b>Rose Queen.</b> Compact habit. Rosy pink flowers.....	40	2 00
<b>White Perfection.</b> Pure white.....	30	1 50
<b>Yellow Perfection.</b> Golden yellow.....	30	1 50
<b>Mixed.</b> All colors.....	30	1 50
<b>Scotch Bedding, Mixed.</b> Produces larger flowers than V. cornuta.....	75	4 00

### Violet • Viola Odorata

	Trade pkt.	Oz.
<b>Single Blue Czar.</b> Hardy Garden Violet. Seed is of slow germination and should be sown in the fall and left outdoors over winter.....	50	2 50

## Michell's Hardy Perennial Flower Seeds

	Trade pkt.	Oz.
<b>ACHILLEA Millefolium.</b> Bright magenta-red. 3 ft....	\$0 30	\$1 50
<b>Parmica, The Pearl.</b> Pure white, double flowers. 2½ ft.....	50	3 00
<b>ACONITUM (Monkshood) Fischeri.</b> Bright blue. 3 ft..	50	2 50
<b>Napellus.</b> Long spikes of blue flowers. 3 ft.....	30	1 50
<b>*ADONIS vernalis.</b> Large yellow flowers. 1 ft.....	40	2 50
<b>*ALYSSUM saxatile compactum.</b> Golden yellow.....	20	75
<b>*Saxatile compactum, Silver Queen.</b> Pale primrose.....	25	1 00
<b>*Rock-Garden Hybrids, Mixed</b> .....	50	3 00
<b>AMPELOPSIS Veitchi.</b> Boston or Japanese Ivy..... 1/4lb. 75c...	15	25
<b>ANCHUSA italica, Dropmore.</b> Bright blue.....	15	50
<b>*Myosotidiflora.</b> Small forget-me-not-blue flowers. 15 in.....	50	5 00
<b>ANEMONE (Windflower) coronaria, Mixed.</b> 1 ft.....	20	75
<b>Coronaria, St. Brigid.</b> Semi-double. Various colors. 1 ft.....	30	1 50
<b>*Pulsatilla.</b> Pasque Flower. Violet-lilac. 1 ft.....	50	3 00
<b>*ANTHEMIS (Hardy Marguerite) montana.</b> Pure white. 1 ft.....	30	1 50
<b>Tinctoria Kelwayi.</b> Bright yellow flowers. 2 ft....	15	60

### Aquilegia • Columbine

	Trade pkt.	Oz.
<b>Crimson Star.</b> Crimson and white..... 1/8oz. \$1.00..	\$0 50	
<b>*Alpina.</b> Blue and white. 1½ ft.....	30	\$1 50
<b>Callifornica hybrida.</b> Mixed colors.....	30	1 50
<b>Canadensis.</b> Scarlet and yellow.....	40	2 00
<b>Chrysantha.</b> Yellow.....	30	1 50
<b>Cerulea.</b> Blue and white.....	40	2 00
<b>Nivea grandiflora.</b> Pure white.....	25	1 00
<b>Rose Queen.</b> Deep rose.....	50	3 50
<b>Double Mixed</b> .....	15	50
<b>Single Mixed</b> .....	15	50

### LONG-SPURRED VARIETIES

	Trade pkt.	Oz.
An extra-fine strain, producing large flowers.		
<b>Longissima.</b> Delicate shade of yellow.... 1/8oz. \$2.00..	75	
<b>Copper Queen.</b> Copper-red, straw corolla.....	50	3 50
<b>Blue Shades</b> .....	50	3 50
<b>Orange and Scarlet Shades</b> .....	50	3 50
<b>Pink and Rose Shades</b> .....	50	3 50
<b>Snow Queen.</b> Pure white.....	50	3 50
<b>Mrs. Scott Elliott's Select Strain</b> .....	60	4 00
<b>Hybrids.</b> Mixed colors.....	40	2 00

Varieties marked \* are especially suitable for rock-gardens

# Check over your order to see that nothing has been forgotten

	Trade pkt.	Oz.
* <b>ARABIS</b> (Rock Cress) <b>alpina</b> . Dwarf. Flowers pure white. 1 ft. ....	\$0 15	\$0 50
* <b>Alpina rosea</b> . Bright rose. 8 in. .... 1/4oz. \$2.00..	75	
* <b>ARMERIA formosa</b> . Sea Pink; Thrift. Deep pink flowers. 2 ft. ....	25	1 00
<b>ASCLEPIAS tuberosa</b> . Butterfly Weed. Brilliant orange-scarlet flowers. 2 ft. ....	40	3 50
<b>ASPERULA odorata</b> . Sweet Woodruff. White flowers. 1 ft. ....	20	75
<b>PERENNIAL ASTER</b> (Michaelmas Daisy), <b>Choice Mixed Colors</b> . 3 ft. ....	40	2 00
* <b>ASTER alpinus</b> , <b>Wartburg Star</b> . Lavender-blue flowers. .... 1/8oz. \$1.50..	50	
* <b>Alpinus</b> . Purple with large yellow center. 1 ft. ....	40	2 00
* <b>Alpinus albus</b> . White with large yellow center. 1 ft. ....	40	2 00
* <b>AUBRIETIA Bougainvillei</b> . Dark blue. 6 in. ....	50	3 50
* <b>Deltoides</b> . Lavender-blue. 6 in. ....	40	2 50
* <b>Leichtlini</b> . Rosy purple. 6 in. .... 1/8oz. \$1.25..	50	
* <b>New Large-flowering Hybrids, Mixed</b> .....	50	3 00
* <b>AURICULA</b> ( <i>Primula auricula</i> ), <b>Choice Mixed</b> . Flowers of many beautiful colors. 6 in. 1/4oz. \$2.00..	50	
<b>BAPTISIA australis</b> . False Indigo. Spikes of deep blue flowers. 3 to 4 ft. ....	30	1 50

## Campanula Medium • Canterbury Bells

BIENNIAL

<b>Calycanthema, Blue</b> . Cup and Saucer. ....	30	1 50
<b>Calycanthema, Lilac</b> .....	30	1 50
<b>Calycanthema, Pink</b> .....	30	1 50
<b>Calycanthema, White</b> .....	30	1 50
<b>Calycanthema, Mixed</b> .....	25	1 25
<b>Single Blue</b> .....	15	40
<b>Single Pink</b> .....	15	40
<b>Single White</b> .....	15	40
<b>Single Mixed</b> .....	15	40
<b>Double Blue</b> .....	25	1 00
<b>Double Pink</b> .....	25	1 00
<b>Double White</b> .....	25	1 00
<b>Double Mixed</b> .....	20	75

## MISCELLANEOUS CAMPANULAS

The taller sorts are splendid for cut-flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	Oz.
* <b>Carpatica, Blue</b> . Dwarf. 6 in. ....	\$0 20	\$0 80
* <b>Carpatica, White</b> . Dwarf. 6 in. ....	20	80
<b>Latifolia macrantha</b> . Large; purplish blue. 2 ft. ....	30	1 50
<b>Persicifolia grandiflora, Blue</b> . Grows 3 to 4 feet high and produces large, bell-shaped flowers. ....	30	2 00
<b>Persicifolia grandiflora alba</b> . White. ....	30	2 00
<b>Persicifolia Moerheimi</b> . Semi-double; pure white. 2 ft. ....	50	4 50
<b>Persicifolia, Telham Beauty</b> . Large, China-blue bells. 2 1/2 ft. .... 1/8oz. \$1.25..	75	
<b>Pyramidalis, Mixed</b> . Chimney Bellflower. 5 ft. ....	25	1 25

<b>CANDYTUFT</b> ( <i>Iberis</i> ) <b>gibraltarica</b> . Lilac, shading to white. ....	25	1 00
<b>Sempervirens</b> . Flowers white. ....	40	2 00
<b>Toreana</b> . Lilac and white. ....	25	1 00

See page 19 for annual varieties.



Campanula Medium

	Trade pkt.	Oz.
<b>CARNATION, Grenadin.</b>		
<b>Black King</b> . A fine dark red. ....	\$0 40	\$2 50
<b>Cardinal</b> . Brilliant scarlet. ....	40	2 50
<b>Triumph Pink</b> . Pure rose-pink. ....	40	2 50
<b>White</b> . Snow-white. ....	40	2 50
<b>White Gold</b> . Beautiful soft yellow. ....	40	2 50
<b>Mixed</b> .....	30	2 00
<b>Early Vienna, Mixed</b> .....	30	1 50
<b>CATANANCHE cærulea</b> . Blue with dark eye. 2 1/2 ft. ....	30	1 25
<b>CENTAUREA macrocephala</b> . Golden yellow. 3 ft. ....	25	1 00
<b>Montana</b> . Violet-blue. 2 ft. ....	15	50
* <b>CERASTIUM tomentosum</b> . Snow-in-Summer. Silvery foliage. White flowers. 1 ft. ....	25	1 00
<b>CHEIRANTHUS Allioni</b> . Siberian Wallflower. Orange. ....	15	40
<b>CHELONE barbata Torreyi</b> . Brilliant scarlet. 4 ft. ....	20	80
<b>Barbata, Mixed</b> . Various colors. 4 ft. ....	20	80

## Chrysanthemum

* <b>Mawi</b> . Rich pink flowers. Silvery foliage. .... 1/16oz. \$1.00..	50	
<b>Shasta Daisy, New Giant Double White</b> . Extra large on long, stiff stems, fine for cutting. 1/16oz. \$1.50..	50	
<b>Geisha</b> . Cascade or Japanese Balcony Chrysanthemum. New single-flowering varieties, mixed. .... 1/4oz. \$1.50..	50	
<b>Japanese Hybrids, Mixed</b> . Autumn flowering. ....	40	3 50
<b>Early-flowering, Double and Semi-double, Mixed</b> ..	50	5 00
<b>Shasta Daisy, Alaska</b> . Pure white. ....	25	1 00
<b>Shasta Daisy, Conqueror</b> . Giant-flowering white. ....	20	75
<b>CLEMATIS paniculata</b> . Hardy climber; white star-shaped flowers. .... 1/4lb. \$1.50..	15	50
<b>COREOPSIS lanceolata grandiflora</b> . Golden yellow. ....	15	30
<b>Lanceolata grandiflora fl.-pl.</b> Double-flowering Coreopsis. Double and semi-double flowers. ....	20	75
<b>Mayfield Giant</b> . Extra-large flowers. Plants tall; vigorous growth. ....	20	75

## DELPHINIUM, PERENNIAL LARKSPUR

### SUPER GIANT PACIFIC HYBRIDS

The spikes are strong, growing 5 to 6 feet, closely set, and the flowers are as large as a silver dollar. This strain is practically immune from mildew, and is proving a splendid variety for cut-flower purposes. We offer the Originator's stock seed only.

**Galahad Series**. This is a new strain with clear white, enormous individual flowers averaging 3 inches in diameter, well spaced on strong, whippy stems. The plants are mildew resistant. This strain is the strongest and largest white Delphinium. Trade pkt. \$2.00; \$5.00 per 1/8oz.

**Lancelot Series**. A new color in Delphiniums—pure lilac self-tone with white bee. Individual flowers 2 to 2 1/2 inches in diameter. An ideal cut- and show-flower.

**White Majesty**. Giant; pure white. Trade pkt. \$1.50; \$3.00 per 1/8oz.; 1/4oz. \$5.00; \$18.00 per oz.

**Dark Blue Shades**. Trade pkt. \$1.25; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

**Light Blue Shades**. Trade pkt. \$1.25; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

**Pastel Shades**. Trade pkt. \$1.25; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

**Mixed Colors**. Trade pkt. \$1.25; \$2.00 per 1/8oz.; 1/2oz. \$7.00; \$12.00 per oz.

**Blackmore & Langdon's Imported Strain**. A new improved type of this fine English variety. Plants are of strong, vigorous growth and produce immense spikes of large flowers. Every describable shade of blue is in this mixture. Trade pkt. 50c.; \$3.00 per oz.

**English Hollyhock, Watkin Samuels' Wrexham Strain**. The finest large-flowered type to date.

	Trade pkt.	1/4oz.	Oz.
<b>Art Shades</b> .....	\$0 75	\$2 00	
<b>Deep Blue Shades</b> .....	75	2 00	
<b>Light Blue Shades</b> .....	75	2 00	
<b>Selected Mixture</b> .....	50		\$5 00

	Trade pkt.	Oz.	1/4lb.
<b>Blue Grotto</b> . Deep blue with cream center. ....	\$0 50	\$4 00	
<b>Summer Cloud</b> . A fine new white. 4 to 5 ft. ....	50	3 50	
<b>Belladonna Improved (Cliveden Beauty)</b> . A very select strain. Turquoise-blue. ....	40	2 00	\$7 00
<b>Belladonna</b> . Regular Strain. ....	25	1 25	4 50
<b>Bellamosum, Improved</b> . A true dark blue type of the Belladonna. ....	40	2 00	7 00
<b>Bellamosum</b> . Regular Strain. ....	25	1 25	4 50
<b>Cardinale</b> . Large, brilliant scarlet flowers. ....	40	2 50	
<b>Grandiflorum (chinense)</b> . Blue. 3 ft. ....	20	75	
<b>Grandiflorum album (chinense)</b> . White. 3 ft. ....	20	75	
<b>Michell's Gold Medal Hybrids</b> . A fine strain. Long spikes of large flowers. ....	25	1 00	3 50

**NOTE**. The seed of Summer Cloud and Cardinale is of slow germination.

HENRY F. MICHELL CO.



# Hardy Garden Pinks bring old-time beauty and fragrance

## Daisy, Double English

	Bellis perennis	Trade pkt.	Oz.
<b>Monstrosa tubulosa, Bernina.</b> White, changing to pink.....		\$0 50	\$2 50
<b>Monstrosa tubulosa, Monterosa.</b> Pure rose.....		50	2 50
* <b>Monstrosa, Etna.</b> Dark red.....		50	2 50
* <b>Monstrosa, Pink</b> .....		40	2 00
* <b>Monstrosa, White</b> .....		40	2 00
* <b>Monstrosa, Mixed</b> .....		40	2 00
* <b>Double Mixed.</b> A fine mixture.....		30	1 25

## Dianthus - Pinks

### HARDY GARDEN VARIETIES

		Trade pkt.	Oz.
<b>Loveliness.</b> Single; mauve-pink.....	$\frac{1}{16}$ oz. \$1.00..	\$0 50	
<b>Mrs. Sinkins.</b> Double; pure white.....	$\frac{1}{16}$ oz. \$1.00..	50	
* <b>Allwoodi alpinus.</b> Choice assortment of colors. 4 to 6 in.....	$\frac{1}{4}$ oz. \$2.00..	50	
* <b>Plumarius, Cyclops.</b> Single Perpetual Grass Pinks. Assorted colors, with blood-red eyes.....		25	\$1 00
* <b>Cæsius.</b> Cheddar Pink. Pink.....		30	1 25
<b>Clove-scented, Double and Semi-Double, Mixed</b> ...		30	1 25
* <b>Deltoides, Brilliant.</b> Maiden Pink. Dwarf. Carmine..		30	1 50
<b>Double Scotch, Mixed.</b> Choice colors.....		30	1 25
<b>Latifolius atrococcineus, fl.-pl.</b> Double; scarlet.....		20	75
<b>Pheasant's Eye, Mixed.</b> Single; fringed.....		15	50
* <b>Rock-Garden Species.</b> A mixture of 25 rare varieties..		50	3 00

<b>DICTAMNUS Fraxinella.</b> Gas Plant. Perennial. Purple-red flowers.....		30	2 00
<b>DIGITALIS (Foxglove), Giant Shirley, Mixed.</b> Enormous spikes of flowers. 3 to 5 ft.....		20	60
<b>Purpurea gloxiniaeflora, Pink</b> .....		20	60
<b>Purpurea gloxiniaeflora, Purple</b> .....		20	60
<b>Purpurea gloxiniaeflora, White</b> .....		20	60
<b>Purpurea gloxiniaeflora, Mixed</b> .....		15	50
<b>Grandiflora.</b> Light yellow.....		25	1 00
<b>Monstrosa.</b> Mammoth spikes; various colors.....		20	75
<b>DORONICUM caucasicum.</b> Yellow, daisy-like flowers. Seed germinates slowly. 2 ft.....	$\frac{1}{16}$ oz. \$2.00..	1 00	
<b>ECHINOPS Ritro.</b> Globe Thistle. Steel-blue flowers. 5 ft.....		15	40
* <b>EDELWEISS alpinum.</b> Leontopodium. Rock-plant, with silvery white flowers.....	$\frac{1}{16}$ oz. \$1.00..	50	
<b>ERIGERON speciosus grandiflorus.</b> Fleabane. Rosy lilac, aster-like flowers. 2 ft.....		40	2 00
* <b>ERINUS alpinus.</b> Rock-plant. Mixed colors.....	$\frac{1}{32}$ oz. \$1.25..	75	
<b>ERYNGIUM amethystinum.</b> Sea Holly. Metallic blue flowers. 3 ft.....		40	2 00
<b>EUPATORIUM Fraseri.</b> A fine perennial and useful for cutting. Feathery white flowers. 3 ft.....		25	1 00

## Gaillardia, Perennial Varieties

One of the showiest of hardy perennial plants. Fine for cutting or borders. 3 ft.

		Trade pkt.	Oz.
<b>Grandiflora, Burgundy.</b> Bright coppery red blooms... \$0 40		\$2 50	
* <b>Grandiflora, Goblin.</b> Dwarf, compact variety, especially suited for the rock-garden. Showy red flowers. 15 in.....		50	3 50
<b>Grandiflora, Portola Hybrids.</b> Bronzy red, golden tipped petals.....		25	1 25
<b>Grandiflora, Tangerine.</b> Giant orange flowers.....		30	1 50
<b>Grandiflora superba, Mixed</b> .....	$\frac{1}{4}$ lb. \$1.75..	15	50
* <b>GENTIANA acaulis.</b> Blue Gentian. Dwarf. Deep blue flowers.....		50	3 00
<b>GEUM atrosanguineum fl.-pl.</b> Dark crimson. 2 ft...		30	1 25
<b>Lady Stratheden.</b> Golden yellow. 2 ft.....		40	2 00
<b>Mrs. Bradshaw.</b> Brilliant scarlet flowers. 2 ft.....		40	2 00
<b>Gypsophila (Baby's Breath) Oldhamiana.</b> Bright pink flowers.....		30	1 50
<b>Paniculata.</b> Sprays of white flowers. 3 ft.....	$\frac{1}{4}$ lb. \$1.25..	15	40
<b>Paniculata fl.-pl.</b> Double white flowers. 3 ft.....		50	3 50
* <b>Repens.</b> A trailing plant with white flowers. 6 in....		25	1 25
* <b>Repens rosea.</b> Pinkish white flowers. 6 in.....		30	2 00
<b>HELENIUM autumnale superbum.</b> Golden yellow flowers. 3 ft.....		50	3 50

* <b>HELIANTHEMUM nummularium mutabile.</b> Rock-Trade or Sun-Rose. Masses of blooms from July to September. Mixed colors.....		\$0 25	\$0 80	Oz.
<b>HELIOPSIS (Orange Sunflower) scabra zinniaeflora.</b> Semi-double; yellow. 3 ft.....		25	1 00	
<b>Soleil d'Or.</b> Double; golden yellow. 5 ft.....		20	75	
<b>HELLEBORUS niger.</b> Christmas Rose. Flowers white. Seed is of slow germination. 15 in.....		25	75	
<b>HEUCHERA sanguinea.</b> Coral Bells. Small crimson flowers. Excellent for cutting.....	$\frac{1}{8}$ oz. \$1.00..	50		
<b>Brizoides.</b> Bright rose. 2½ ft.....	$\frac{1}{8}$ oz. \$1.50..	50		
<b>HIBISCUS (Marshmallow), Giant Dark Red</b> .....		15	60	
<b>Giant Pink</b> .....		15	60	
<b>Giant White</b> .....		15	60	
<b>Giant Choice Mixed</b> .....		15	50	

## Hollyhock

		Trade pkt.	Oz.	$\frac{1}{4}$ lb.
<b>Triumph.</b> New. A fine type of branching habit, 4 to 5 feet high, and flowering 10 days earlier than the regular strain. Choice mixed colors..	\$0 40	\$2 00		
<b>Double Newport Pink.</b> Pure pink.....	30	1 50	\$4 50	
<b>Chater's Double Maroon</b> .....	30	1 25	4 00	
<b>Chater's Double Pink</b> .....	30	1 25	4 00	
<b>Chater's Double Red</b> .....	30	1 25	4 00	
<b>Chater's Double Salmon</b> .....	30	1 25	4 00	
<b>Chater's Double White</b> .....	30	1 25	4 00	
<b>Chater's Double Yellow</b> .....	30	1 25	4 00	
<b>Chater's Double Mixed</b> .....	25	1 00	3 50	
<b>Double Everblooming, Mixed</b> .....	15	50	1 50	

## Single Hollyhock

		Trade pkt.	Oz.
<b>Mixed Colors</b> .....		15	50 1 50
<b>HONESTY (Lunaria) biennis alba.</b> Biennial. Silvery seed panicles. 3 ft.....	\$0 15	\$0 60	
<b>INCARVILLEA Delavayi.</b> Hardy Gloxinia. A good plant for the hardy border; masses of showy, gloxinia-like flowers. Should be protected over the winter. 2 ft.....		50	4 00
<b>LATHYRUS latifolius (Perennial Pea), Crimson</b> .....		15	50
<b>Pink Beauty.</b> Bright pink.....		15	50
<b>White</b> .....		15	50
<b>Choice Mixed</b> .....		15	40
<b>LAVENDER (Lavandula) vera.</b> True Lavender. Fragrant blue flowers.....		20	75
<b>LIATRIS (Blazing Star) pycnostachya.</b> A showy border plant; rosy purple flowers. Excellent for cutting. 4 ft.....		25	1 00
<b>Scariosa.</b> An improved strain. Rosy purple blooms..		40	2 50
<b>LILY, White Swan.</b> Michell's Novelty. A giant, snow-white, early-flowering variety. Will bloom in approximately 8 months from seed.....		75	5 00
<b>Philippinense formosanum.</b> Resembles an Easter Lily. Will bloom in 6 to 8 months from seed. 3 ft..		30	1 75
<b>Regale (L. myriophyllum).</b> Perfectly hardy. Excellent for forcing. Flowers waxy white.....		20	75
<b>Tenuifolium.</b> Siberian Lily. Coral-red. 20 in.....		20	75
<b>LINARIA Cymbalaria.</b> Kenilworth Ivy. Violet.....		30	1 50
<b>LINUM (Flax) perenne.</b> Large blue flowers. 1½ ft....		15	40
<b>Flavum.</b> Yellow. 2 ft.....	$\frac{1}{4}$ oz. \$1.00..	40	
<b>LOBELIA cardinalis.</b> Cardinal Flower. Spikes of cardinal-red flowers.....		50	6 00

## Lupinus polyphyllus

<b>Russell.</b> Long spikes of flowers in a variety of rich colors—yellow, orange, red, and brilliant bicolors. We offer seed from the originator's stock.....	$\frac{1}{4}$ oz. \$1.00..	50	3 50
<b>Autumn Tints.</b> Buff and orange shades. 20 in.....		25	1 00
<b>Blue</b> .....		15	25
<b>Brightest and Best.</b> Extra-long spikes of bright red blooms.....		25	1 00
<b>Gold Crest.</b> Tall; golden yellow.....		25	1 00
<b>Luteus.</b> Yellow shades.....		25	1 00
<b>Moerheimi.</b> Pink and white.....		20	75
<b>Roseus.</b> Soft pink.....		15	50
<b>Salmon Queen.</b> Salmon shades.....		30	1 50
<b>White</b> .....		15	25
<b>Mixed.</b> All colors.....	$\frac{1}{4}$ lb. 75c..	15	25
<b>New Hybrids, Mixed</b> .....		20	75

<b>LYCHNIS Arkwrighti.</b> Fine new hybrids. Free flowering.....		25	1 25
<b>Chalcedonica.</b> Scarlet cross-like flowers. 2 ft.....		15	40
<b>Haageana hybrida, Mixed.</b> Various colors. 1 ft....		30	1 50
* <b>Viscaria splendens.</b> Bright rose-red.....		20	1 00

# Sweet Rocket, Sweet William. Old-timers, but they sell

	Trade pkt.	Oz.
<b>LYTHRUM roseum superbum.</b> Rosy pink flowers in July. 3 ft. ....	\$0 20	\$0 75
<b>MATRICARIA</b> (Feverfew), <b>Double White.</b> Fine for cut-flowers. 1½ ft. ....	15	50
<b>Golden Ball.</b> Bright yellow flowers. 8 in. ....	40	2 00

## Myosotis • Forget-me-not

<b>Alpestris, Victoria.</b> Bright blue. Dwarf. ....	30	1 50
<b>Blue Basket.</b> Dark blue. Upright growth. ....	30	2 00
<b>Dwarf Indigo-Blue.</b> A fine dark blue. ....	30	1 50
<b>Grandiflora alba.</b> White. ....	20	75
<b>Grandiflora rosea.</b> Pink. ....	20	75
<b>Michell's Winter-flowering.</b> The finest variety for forcing. Long stems. Large deep blue flowers. ....	40	2 00
<b>Palustris semperflorans.</b> Everblooming. Blue. ....	30	1 50
<b>Choice Mixed.</b> ....	15	50

* <b>NEPETA Mussini.</b> Blue-gray foliage and pale mauve flowers. ....	40	2 00
* <b>CENOTHERA</b> (Evening Primrose) <b>missouriensis.</b> A prostrate-growing variety with bright yellow flowers. ....	50	3 00
<b>Youngi.</b> Showy, large yellow flowers. ....	50	3 00
<b>PENTSTEMON, Sensation.</b> Largely used for bedding. Should be treated the same as petunias, verbenas, etc. Mixed colors. 3 ft. ....	50	3 00
<b>New Hybrids Mixed.</b> Large spikes. ....	30	2 00
<b>HARDY PHLOX.</b> Sow seeds of Hardy Phlox late in the fall and they will germinate in the spring. ....	40	2 00
<b>Decussata, Mixed.</b> Choice selection. ....	40	2 00
<b>PHYSALIS Francheti.</b> Chinese Lantern Plant. Orange-scarlet fruits. 2½ ft. ....	20	75
<b>PHYSOSTEGIA virginica.</b> Tubular pink flowers. 4 ft. ....	30	1 50
<b>PLATYCODON</b> (Japanese Balloon Flower) <b>grandiflorum.</b> Blue. 28 in. ....	25	1 00
<b>Grandiflorum album.</b> White. 28 in. ....	25	1 00
<b>POLEMONIUM caeruleum.</b> Jacob's Ladder. Bell-shaped, blue flowers. 2½ ft. ....	15	50
* <b>POLYANTHUS</b> (Primula polyantha), <b>Gold-laced.</b> Very showy. .... ¼oz. \$2.00..	50	
* <b>English, Mixed.</b> Single flowers. ....	40	3 00

## Poppy

### PERENNIAL VARIETIES

* <b>Alpinum, Mixed.</b> Dwarf, alpine variety. Fine for the rockery. 8 in. ....	50	4 00
<b>Iceland, Fakenham Hybrids.</b> Flowers 2½ to 3 inches across. Extremely free flowering. Finest mixed. 2 ft. ....	40	2 50
<b>Iceland, Gartref New Hybrids.</b> Fine range of art shades. ....	40	2 50
<b>Iceland, Yellow Wonder.</b> Bright buttercup-yellow. .... ¼oz. \$1.50..	75	
<b>Iceland, Coonara Pink Shades.</b> Pink art shades. ....	40	2 50
<b>Iceland, El Monte.</b> Large-flowering; color, tangerine-orange. ....	40	2 50
<b>Iceland (P. nudicaule), Orange-Scarlet.</b> ....	25	1 00
<b>Iceland, White.</b> ....	25	1 00
<b>Iceland, Yellow.</b> ....	25	1 00
<b>Iceland, Single Mixed.</b> ....	20	75
<b>Iceland, Sunbeam.</b> New. Splendid mixed hybrids. ....	25	1 50
<b>Oriental.</b> Deep scarlet. ....	20	75
<b>Oriental, Mrs. Perry.</b> Rich salmon-pink. ....	50	3 50
<b>Oriental, Royal Scarlet.</b> ....	50	3 50
<b>Oriental, Hybrids.</b> Mixed colors. ....	25	1 00

* <b>PRIMULA veris, Giant Munstead Strain.</b> Flowers large, in beautiful shades, including yellow and white. 1 ft. ....	50	6 00
* <b>Veris Kleyni.</b> Golden yellow, apricot at center. .... 1000 seeds \$4.00..	1 00	
* <b>Veris, Mixed.</b> ....	40	2 50
* <b>Vulgaris.</b> English Yellow Primrose. ....	50	3 00
<b>PUERARIA Thunbergiana.</b> Kudzu Vine. Climber. Rosy purple flowers. ....	15	40
<b>PYRETHRUM hybridum atrosanguineum.</b> Dark red shades. ....	50	2 50
<b>Roseum.</b> Pink. ....	40	2 00
<b>Uliginosum.</b> Giant White Daisy. ....	40	2 00
<b>Hybridum, Single, Mixed.</b> ....	30	1 50
<b>Hybridum, Double, Mixed.</b> ....	50	3 50
<b>RANUNCULUS asiaticus superbissimus, Mixed.</b> Suitable for beds and borders or for pots. Bright yellow. Fine for cutting. 1 ft. ....	15	60
<b>RUDBECKIA</b> (Coneflower) <b>Newmani.</b> Yellow with purple cone. 2 ft. ....	25	1 50
<b>Purpurea.</b> Giant Purple Coneflower. 4 ft. ....	25	1 00

	Trade pkt.	Oz.
<b>SALVIA azurea grandiflora.</b> Perennial. Sky-blue. 3 to 4 ft. ....	\$0 40	\$2 00
<b>Blue Bedder.</b> Perennial. A deep blue variety of Farinacea. ....	50	3 00
<b>Farinacea.</b> Perennial. Light blue. ....	30	1 50
<b>Patens.</b> Perennial. Rich deep blue. ....	50	3 50
* <b>SAPONARIA ocymoides.</b> Rose-colored flowers. 12 in. ....	15	60
* <b>SAXIFRAGA decipiens Hybrids, Mixed.</b> Excellent for the rockery. .... 1/8oz. \$1.25..	75	

## Scabiosa • Mourning Bride

The seed of perennial Scabiosa is of slow germination, so we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

	Trade pkt.	Oz.
<b>Caucasica, Giant Hybrids. Isaac House Strain.</b> Colors, light lavender to dark blue. Excellent for florists. ....	\$0 50	\$3 00
<b>Columbaria anthemifolia.</b> A low-growing variety, producing large flowers from 2 to 2½ inches across. Color, a delightful shade of pink. Valuable florists' cut-flower. ....	40	2 50
<b>Columbaria, Lavender.</b> ....	40	2 50
<b>Caucasica.</b> Light blue. ....	40	2 50
<b>Caucasica alba.</b> White. ....	40	2 50
<b>Japonica.</b> Lavender-blue. ....	15	50

* <b>SEDUM acre.</b> Stonecrop. The well-known yellow variety. Very useful in the rock-garden. 1/8oz. \$1.50..	75	
<b>SHASTA DAISY, New Giant Double White.</b> Fine for cutting. Flowers are about 5 inches in diameter. .... 1/8oz. \$1.50..	50	
<b>Alaska.</b> Pure white. Excellent for cutting. ....	25	1 00
<b>Conqueror.</b> Giant-flowering white. ....	20	75
* <b>SILENE Schafta.</b> Catchfly. Rose. 8 in. ....	25	1 50
<b>STATICE</b> (Everlasting Flower) <b>caspia.</b> Lilac. 3 ft. ....	50	2 50
<b>Dumosa.</b> Silvery gray. 2½ ft. ....	40	2 00
<b>Latifolia.</b> Large, deep blue flowers. ....	25	1 00
<b>STOKESIA cyanea.</b> Cornflower Aster. Lavender-blue. ....	30	1 50
<b>SWEET ROCKET (Hesperis), Mixed.</b> Purple and white, fragrant flowers. 3 ft. ....	15	40

## Sweet William • Dianthus barbatus

	Trade pkt.	Oz.	1/4lb.
<b>Dwarf or Alpine.</b> A fine new strain of dwarf type, suitable for edging and rock-gardens. Color range a selection of many bright and dark shades. ....	\$0 30	\$1 50	
<b>Auricula-flowered, Mixed.</b> Single. ....	15	50	\$1 75
<b>Single, Crimson.</b> ....	15	50	1 75
<b>Single, Newport Pink.</b> Salmon-pink. ....	20	75	2 50
<b>Single, Scarlet Beauty.</b> Rich deep scarlet. ....	20	75	2 50
<b>Single, Velvety Maroon.</b> ....	15	50	1 75
<b>Single, White.</b> ....	15	50	1 75
<b>Single, Mixed.</b> All colors. ....	15	35	1 25
<b>Double, Mixed.</b> All colors. ....	15	60	2 00

	Trade pkt.	Oz.
<b>THALICTRUM aquilegifolium.</b> Columbine-like foliage. Feathery white flowers. 3½ ft. ....	\$0 40	\$2 00
<b>Dipterocarpum.</b> Flowers rosy purple, with yellow anthers. Fine for cutting. 4 ft. ....	40	2 00
<b>THERMOPSIS caroliniana.</b> Yellow, lupin-like flowers. ....	40	2 00
<b>THYMUS Serpyllum.</b> Wild Thyme. Creeping. Purple flowers. 2 in. .... 1/8oz. 50c..	25	
<b>TRITOMA hybrida, Mixed.</b> Red-Hot Poker. Perennial. 2 ft. ....	30	1 25
<b>TROLLIUS</b> (Globe Flower). Hardy perennial with large, buttercup-shaped flowers. Trollius seed should be immersed in boiling water for 30 seconds before sowing. ....		
<b>Europaeus.</b> Bright yellow. 20 in. ....	50	3 50
<b>Hybridus.</b> Bright yellow. 2 ft. ....	50	3 50
* <b>TUNICA Saxifraga.</b> Low-growing, with slender foliage and innumerable, tiny, star-like, pale pink flowers. 4 to 6 in. ....	20	75
<b>VALERIANA, Mixed.</b> Garden Heliotrope. Large, fragrant flowers. Fine for bouquets. 3 ft. ....	15	60
<b>VERONICA</b> (Speedwell) <b>longifolia subsessilis.</b> Long spikes of rich blue flowers. 2 ft. ....	30	1 50
* <b>Repens.</b> Bright blue. 4 in. ....	50	2 50
<b>Spicata.</b> Bright blue. 1½ ft. ....	30	1 50
<b>WALLFLOWER, Double Mixed.</b> ....	40	3 00
<b>Early-flowering, Double, Mixed.</b> An extra-early variety, flowering from seed in 90 days. ....	30	1 50
<b>Paris Extra-Early, Mixed.</b> Single. Blooms the first year from seed. Excellent for forcing. ....	15	40
<b>Single, Mixed.</b> .... 1/4lb. 75c..	15	25

Varieties marked \* are especially suitable for rock-gardens

# Michell's Quality Grass Seed Mixtures

Price should not be the prime consideration when buying Grass Seed. Low-quality seed may be the cause of endless trouble, in addition to setting the result of expensive labor and preparation at naught.

Our connections with the most reliable producers in this country and abroad place us in a position of advantage for our supplies, chiefly because of the large volume of Grass Seed for which we contract.

We are always pleased to submit samples, with prices, for comparison and let our customers be the judge.

Except where specified, weight per bushel of mixed Grass Seed is 20 pounds

## For the Lawn

**Michell's Clover Lawn.** Mixed with a most liberal quantity of best re-cleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn-out, or burned spots; excellent for seashore lawns. 30 lbs. per bus. 30c. per pt.; qt. 55c.; \$1.00 per 2 qts.; 4 qts. \$1.90; \$3.75 per pk.; 1/2 bus. \$7.00; \$13.50 per bus.; 100 lbs. \$43.00.

**Michell's Top-Notch.** The top notch of quality. A perfectly blended combination of quick-growing, very compact, fine-bladed grasses that will produce a perfect lasting turf in a few weeks. 25 lbs. per bus. \$3.00 per pk.; 1/2 bus. \$5.75; \$11.00 per bus.; 100 lbs. \$43.00.

**Michell's Superior Bent.** This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading Bent varieties. We recommend sowing this formula at the rate of 1 pound to 300 square feet. 90c. per lb.; 5 lbs. \$4.00; \$18.00 per 25 lbs.; 100 lbs. \$70.00.

**Michell's Shaded Lawn.** Will produce a perfect sward in the most densely shaded places. 40c. per qt.; 2 qts. 75c.; \$1.35 per 4 qts.; pk. \$2.50; \$4.75 per 1/2 bus.; bus. \$9.00; \$43.00 per 100 lbs.

**Michell's Green Velvet.** Produces a perfect lawn in four to five weeks' time. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; pk. \$2.25; \$4.25 per 1/2 bus.; bus. \$8.00; \$37.00 per 100 lbs.

**Michell's Evergreen.** The standard lawn mixture. 15c. per pt.; qt. 25c.; 45c. per 2 qts.; 4 qts. 85c.; \$1.70 per pk.; 1/2 bus. \$3.25; \$6.00 per bus.; 100 lbs. \$27.00.

**Michell's Fairmount Park Lawn.** Very satisfactory mixture for general lawn making. 20c. per qt.; 2 qts. 35c.; 70c. per 4 qts.; pk. \$1.35; \$2.65 per 1/2 bus.; bus. \$5.00; \$21.00 per 100 lbs.

**Michell's Greendel Lawn Seed.** Recommended for landscape work where price is an important consideration. Not less than 1 bushel of this formula sold. \$4.00 per bus.; 100 lbs. \$16.00.

## For the Farm

**Michell's Permanent Pasture Grass Seed.** Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established pastures. \$1.60 per pk.; 1/2 bus. \$3.00; \$5.75 per bus.; 100 lbs. \$26.00.

**Michell's Permanent Hayfield Grass Seed.** Sow 80 to 100 pounds per acre on new lands or 40 to 50 pounds per acre on established fields. \$1.70 per pk.; 1/2 bus. \$3.25; \$6.00 per bus.; 100 lbs. \$27.00.

## For Special Conditions

**Michell's Terrace or Embankment.** A mixture of long-rooted grasses that hold soil and prevent washouts, unless too steep. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; pk. \$2.25; \$4.25 per 1/2 bus.; bus. \$8.00; \$37.00 per 100 lbs.

**Michell's Seashore Formula.** Contains such grasses as thrive in salt-air regions and seashore resorts. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; pk. \$2.25; \$4.25 per 1/2 bus.; bus. \$8.00; \$37.00 per 100 lbs.

**Michell's Special Sod.** Produces a heavy sod in a short time. Excellent for cemetery use. 35c. per qt.; 2 qts. 65c.; \$1.25 per 4 qts.; pk. \$2.00; \$3.85 per 1/2 bus.; bus. \$7.50; \$35.00 per 100 lbs.

**Michell's Southern States Evergreen.** Made up especially for dry, hot localities. 25c. per qt.; 2 qts. 45c.; 85c. per 4 qts.; pk. \$1.70; \$3.25 per 1/2 bus.; bus. \$6.00; \$27.00 per 100 lbs.

## For Pleasure Grounds

**Michell's Athletic Field Mixture.** A special mixture of deep-rooting, fine-leaved grasses especially suited for baseball, football and cricket grounds. \$1.90 per pk.; 1/2 bus. \$3.50; \$6.50 per bus.; 100 lbs. \$28.50.

**Michell's Fairways (Golf-Course) Mixture.** Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. \$1.90 per pk.; 1/2 bus. \$3.50; \$6.50 per bus.; 100 lbs. \$28.50.

**Michell's Putting Greens Mixture.** A quick-growing mixture of short, thin-bladed grasses, producing a turf of velvety texture. We recommend 100 pounds to a green 100 feet square. 25 lbs. per bus. 70c. per qt.; pk. \$4.75; \$9.00 per 1/2 bus.; bus. \$18.00; \$70.00 per 100 lbs.

**Michell's Tennis Court Mixture.** A special combination of grasses that will withstand close mowing, frequent rolling, and heavy wear. 25 lbs. per bus. \$3.75 per pk.; bus. \$14.50; \$57.00 per 100 lbs.

If Mixed Grass Seeds are wanted by Parcel Post, add for postage as follows: 10c. per 2 qts.; 10c. per 4 qts.; 15c. per pk.; 20c. per 1/2 bus.; 30c. per bus. Larger quantities by Express or Freight.

## White Dutch Clover

Choice re-cleaned seed for lawn use. 70c. per lb.; 5 lbs. \$3.25; \$6.50 per 10 lbs.; 25 lbs. \$15.50; \$50.00 per 100 lbs.

PRICES FOR LARGER QUANTITIES ON APPLICATION.  
ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Reliable Grass Seeds. Separate Varieties

All Strictly Re-cleaned and Carefully Tested for Purity and Germination

On account of market fluctuations on many varieties of grass seeds, prices on larger quantities than those named will be quoted on request.

**Bent Grass, Certified Seaside** (*Agrostis maritima*). Very highest quality, certified and sealed in 50- and 100-pound bags by the Oregon Department of Agriculture. True creeping variety of Bent; makes an ideal putting-green turf. \$1.25 per lb.; 10 lbs. \$11.00.

**Bent Grass, Astoria.** \$1.25 per lb.; 10 lbs. \$11.00.

**Bent Grass, Colonial** (*A. capillaris*). Imported. \$1.25 per lb.; 10 lbs. \$11.00.

**Bent Grass, South German Creeping** (*A. stolonifera*). Imported. \$1.35 per lb.; 10 lbs. \$12.50.

**Bent, Velvet** (*A. canina*). The finest textured of all turf grasses. \$3.50 per lb.

**Bermuda Grass** (*Cynodon Dactylon*). 55c. per lb.; 10 lbs. \$5.00.

**Blue Grass, Kentucky** (*Poa pratensis*).

**Fancy.** 35c. per lb.; 10 lbs. \$3.00.

**Superfine.** 40c. per lb.; 10 lbs. \$3.50.

**Blue Grass, Canada** (*P. compressa*). 40c. per lb.; 10 lbs. \$3.50.

**Blue Grass, Rough-stalked** (*P. trivialis*). Imported. 65c. per lb.; 10 lbs. \$6.00.

**Crested Dogtail** (*Cynosurus cristatus*). Imported. 55c. per lb.; 10 lbs. \$5.00.

**Fescue, Chewing's New Zealand** (*Festuca rubra fallax*). Imported. 90c. per lb.; 10 lbs. \$8.50.

**Fescue, Fine-leaved** (*F. tenuifolia*). Imported. 90c. per lb.; 10 lbs. \$8.50.

**Fescue, Meadow** (*F. pratensis*). 35c. per lb.; 10 lbs. \$3.00.

**Fescue, Genuine Red Creeping** (*F. rubra*). 90c. per lb.; 10 lbs. \$8.50.

**Fescue, Hard** (*F. duriuscula*). Imported. 55c. per lb.; 10 lbs. \$5.00.

**Fescue, Sheep's** (*F. ovina*). Imported. 55c. per lb.; 10 lbs. \$5.00.

**Orchard Grass** (*Dactylis glomerata*). 35c. per lb.; 10 lbs. \$3.00.

**Red-Top** (*Agrostis alba*), **Fancy.** 30c. per lb.; 10 lbs. \$2.50.

**Superfine.** 35c. per lb.; 10 lbs. \$3.00.

**Rye Grass, Domestic.** 18c. per lb.; 10 lbs. \$1.50.

**Rye Grass, English or Perennial** (*Lolium perenne*). Imported. 25c. per lb.; 10 lbs. \$2.25.

**Rye Grass, Pacey's English** (*L. perenne Paceyi*). Imported. 30c. per lb.; 10 lbs. \$2.50.

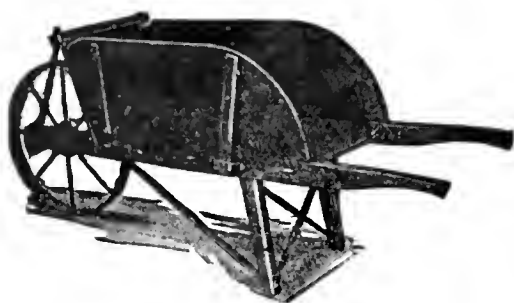
**Rye Grass, Italian** (*L. italicum*). 18c. per lb.; 10 lbs. \$1.50.

**Timothy** (*Pbleum pratense*). Bus. 45 lbs. 15c. per lb.; 10 lbs. \$1.00.



## MICHELL'S LAWN, GARDEN AND FARM ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Greenhouse Wheelbarrow

### Wheelbarrows Michell's Greenhouse

This very narrow Barrow is designed for use in greenhouse aisles. Inside of box measures 14 inches in front, 17 inches in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at handhold 20 inches, which is extreme width of Barrow. Furnished in 18-inch diameter wheel, nicely painted and striped. Price, \$9.50.

#### Great American Wheelbarrow.

	Tire in.	Length in.	Depth in.	Width in.	Price
No. 1.....	2 3/4	30	12	25	\$8 75
No. 2.....	2 3/4	28	12	24	8 00
No. 3.....	2 3/4	26	12	22	7 50

#### Great American, Boys' Wheelbarrow.

No. 4.....	1 3/4	22	9	18	5 75
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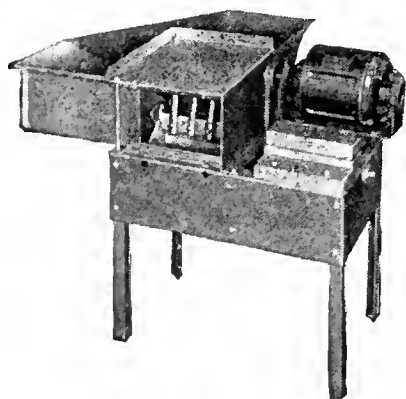
#### Great American. Equipped with pneumatic rubber-tire wheel.

No. 2.....	2 3/4	28	12	24	14 00
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#### Canal. Side dump; bolted.....

					4 50
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### Soil Shredder



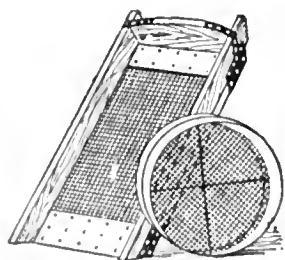
Wichita Model C

This compact machine will meet the full requirements of practically every florist and nurseryman. It grinds, chops, shreds, screens, mixes and piles, and can be easily moved about for inside or outside work. A labor and money-saving machine that should be in every greenhouse to do the daily job of mixing and screening soil for flats, benches or potting. Operates with either electric or gasoline power requiring only 1/4 H.P.-1 H.P. Price (without motor), \$87.50, f.o.b. factory.

### Sieves

Any size mesh. Made extra well.

Galvanized Wire, 18-in. \$1.75 each (post-paid \$1.90).



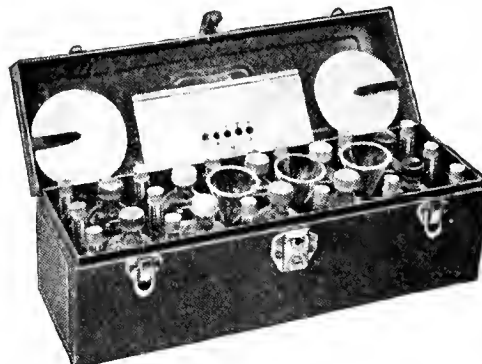
### Large Upright Sieve

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy-grade foundry wire. Price, \$16.00.



### Brush Hook

No. 10. An ideal tool for cutting heavy brush, weeds, etc. Price, \$2.25.



### Sudbury Soil-Test Kit

With this Soil-Test Kit anyone can make practical tests to determine acidity of soil, or any possible deficiency in nitrogen, phosphorus and potash. Complete instructions with each Kit.

**Home Gardeners Size. Model D.** A 20-test Kit. Complete with instructions and data on plant needs. Price, \$2.00.

**Horticultural Size. Model B.** For the advanced amateur, or nurseries, growers, and greenhouses whose requirements do not call for the larger professional equipment. Capacity, 200 individual tests. Inexpensive refills available. Price, \$9.75.

**Professional Size. Model A.** Widely used by large growers, nurseries, greenhouses, and Government stations. Capacity, 200 individual tests. Inexpensive refills available. Price, \$18.50.

### Michell's Wagon Heater

For heating wagons and delivery trucks. Efficient, durable, economical, safe. 14-in. diam., 19 in. high. Price, \$5.00.

### Coal for Wagon Heaters

Price, \$1.15 per 20 briquettes; per 100 bricks, \$8.75.

### Hotbed Sash

**Philadelphia Style.** Made of best-quality cypress. Size, 3 ft., 1 1/2 in. wide, 6 ft. long, 1 3/4 in. thick. Plain, not glazed or painted. Price, \$3.50.

Glazed, primed and puttied. Price, \$7.00.

**Packing Charges** on all Glazed Sash, 50c. per Sash additional.

All Glazed Sash are shipped at purchaser's risk.

### Hotbed Mats

The Burlap style Mats are the best that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

#### Burlap, Non-Waterproof.

76 x 76 in., covering two regular size sash.

Price, \$3.75 each; doz. \$44.00.

40 x 76 in., for one sash. Price, \$2.25 each; doz. \$24.50.

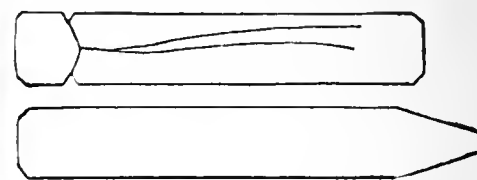
#### Burlap one side, Waterproof Drill one side.

40 x 76 in. Price, \$2.75 each; doz. \$31.50.

76 x 76 in. Price, \$4.50 each; doz. \$49.00.

### Burlap

	Per Yd.	
For covering shrubbery, etc.	Plain	Green
3 ft. wide, cut pieces.....	\$0 13	\$0 19
Full pieces, 100 yds.....	12	18
40 in. wide, cut pieces.....	14	21
Full pieces, 100 yds.....	13	20
4 ft. wide, cut pieces.....	15	23
Full pieces, 100 yds.....	14	22



### Tree Labels, etc.

	100	1000
Wood, Copper Wired. Plain....	\$0 30	\$2 15
Wood, Copper Wired. Painted..	40	2 50
Copper Sheet, Wired.....		
Doz. 30c....	1 75	
Zinc Sheet, Wired... Doz. 30c....	1 75	
Indelible Marking Pencils. Each	15c.	

### Painted Pot Labels

	No. in pkg.	100	1000
4-in.....	1000	\$0 25	\$2 00
4 1/2-in.....	1000	30	2 15
5-in.....	1000	35	2 30
6-in.....	1000	40	2 60
8-in.....	250	90	6 00
10-in.....	250	1 10	7 50
12-in.....	100	1 20	10 00
18-in., for field use....			
\$20.00 per 500..	4 50	39 00	

The 18-in. Field Labels are not painted.

If labels are wanted by Parcel Post, add 10c. per 100, or 20c. per 1000 for postage, except on 10-, 12-, or 18-in.

### Economy Pot and Tree Labels

A wonderful Label made of almond wood, which will hold the marking for a considerable time, and, owing to the nature of the wood used, it is not necessary to paint them. Very desirable for those who use Labels in large quantities. Extremely well made.

Pot Labels—	No. in pkg.	1000
4-in.....	1000	\$1 50
5-in.....	1000	1 80
6-in.....	1000	2 00
8-in.....	250	5 00
10-in.....	250	6 00
12-in.....	250	9 00

**Tree Label, Copper Wired.** 3 1/2-in..... 1 90

### Celluloid Pot Labels

Made of white celluloid. Excellent for greenhouse use.

	Doz.	100
No. 21. 4 x 5/8 in.....	\$0 25	\$1 90
No. 22. 5 x 3/4 in.....	35	2 75

### Simplex Weatherproof Plant Labels

The material carrying the writing is white celluloid, which is protected by a transparent cover of mica. Mark with an ordinary lead-pencil. Prices include wires for attaching.

	Doz.	100
No. 1. 3 x 1 1/2 in.....	\$0 40	\$2 85
No. 2. 4 x 3/4 in.....	75	4 75
No. 3. 5 x 1 in.....	95	6 75

If wanted by Parcel Post, add 10c. per 100, for postage.

### Simplex Weatherproof Garden Label

	Each	Doz.
Iron stake, 2 feet long.....		
No. 10. 2 3/4 x 1 1/2 in.....	\$0 30	\$3 00

### Evermark Pencils



You can read the name after months of exposure to sun and rain. For writing on all plant labels. Will not rub or wash off. 15c. each; doz. \$1.65.

## MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

### Cel-O-Glass

Takes the place of glass in hotbed sash; unbreakable and so light in weight that it saves much time and work in handling. Running ft.

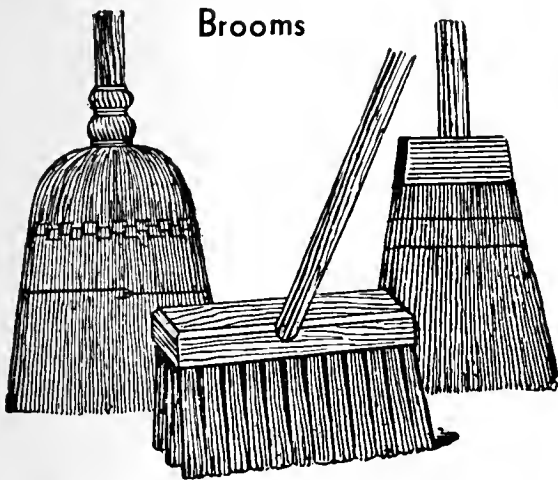
28 in. wide, cut pieces.....	\$0 30
Full rolls (100 ft.).....	28
36 in. wide, cut pieces.....	36
Full rolls (100 ft.).....	34

### Flex-O-Glass

A glazed cloth used in place of glass for poultry houses, hotbeds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water, and wind. 3 ft. wide.

	Yd.
Cut pieces.....	\$0 23
Full roll lots (100 yds.).....	21

### Brooms

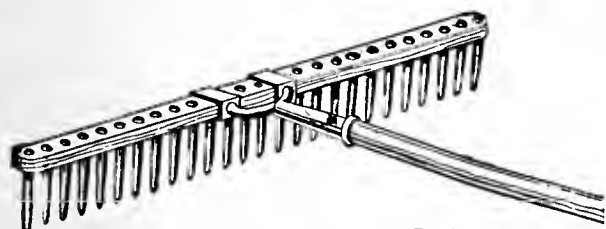


Plain Corn Rattan Push Japanese Fibre

No. 9. Japanese Fibre.....	\$1 00
No. 8. Corn and Rattan mixed.....	90
<b>Golf Greens.</b> Birch..... Doz.	\$3.25 30
No. 7. Plain Corn. Extra quality.....	90

### Road Brushes (With Handles)

No. 271. Rattan Push. 14-in.....	\$1 00
No. 1414. Bass or Cocoa Push. 14-in.....	1 00

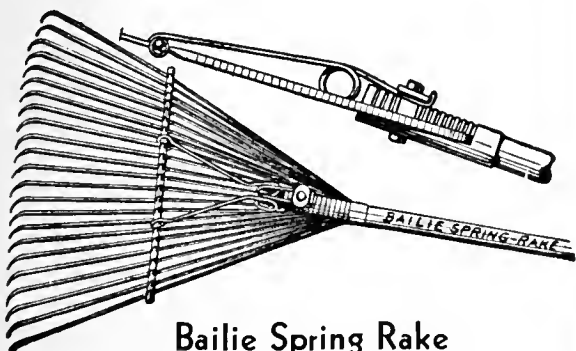


### Ole Olsen Lawn Rake

Made of the best hickory wood; well braced. 26-tooth. Price, 90c.

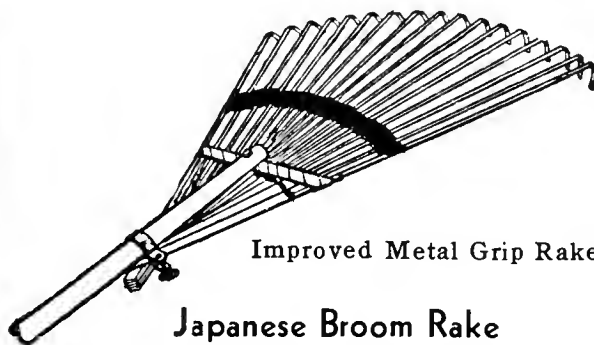
### Wire Lawn or Grass Rakes

Made of heavy tinned steel wire.	
No. 124R. 24-tooth.....	\$0 95
No. 36LR. 36-tooth.....	1 65



### Bailie Spring Rake

Ideal for lawn or driveway. Made from spring wire. 24-tooth. Price, \$1.85.



Improved Metal Grip Rake

### Japanese Broom Rake

Made of split bamboo; cleans the lawn or grass plot completely.

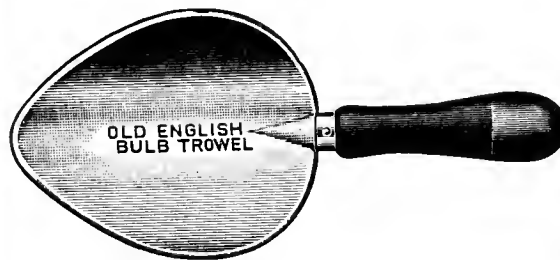
18-in., with bamboo handle.....	\$0 30
18-in., with hardwood handle.....	65
24-in., with hardwood handle.....	90
30-in., with hardwood handle.....	1 40

### Lawncomb Rake

The Lawncomb cleans your lawn without injuring tender growing grass. Frame is one-piece steel construction; electrically welded ends. 20-in., natural-finish handle. Price, \$1.60.

### Wooden Rakes

Ames, 37X. 28-tooth; steel bows.....	\$1 10
Ames. 14-tooth; wood bow. For hay.....	80
Automatic. 26-tooth. Wood.....	1 65



### English Bulb Trowel

Heart-shaped blade, 4 3/4 in. wide, for planting out bulbs, etc. Price, 95c.

### Johnson Trowel

No. 211. These are made of one-piece steel blade and shank. Equal to the imported Trowels.	
5-in.....	\$0 70
6-in.....	75
7-in.....	\$0 80

### No. D. S. T. Steel Shank Trowel

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 85c. each; doz. \$9.75.

### Cleves Angle Trowel

For getting dandelion, plantain, and other weeds out of the lawn, etc.

5-in.....	\$0 20
6-in.....	25
7-in.....	\$0 30

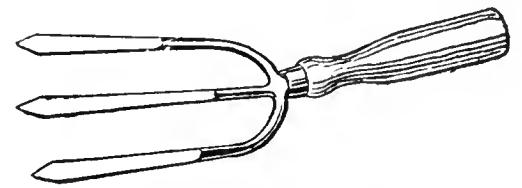
### Neverbreak Trowel

No. 800. Heavy steel. 5-in. 12c. each; doz. \$1.25; \$11.00 per gross.

### Dibbles

	Each
Iron. Wood handle.....	\$0 75
Brass. Wood handle.....	85
If wanted by Parcel Post, add 10c. each for postage.	

ALL PRICES SUBJECT TO MARKET CHANGES



Eureka Weeding Fork

### Weeders

**Eureka Weeding Fork.** (See cut above.) Short handle, 50c. each (by Parcel Post, 60c.); doz. \$5.50. Long handle, 75c. each.

**Eureka Weeder.** Short handle, 45c. each (by Parcel Post, 55c.); doz. \$4.75. Long handle, 70c. each.

**Excelsior Weeder.** 15c. each (by Parcel Post, 25c.); doz. \$1.50.

**No. 3 W Steel Weeder.** 50c. each (by Parcel Post, 60c.).

**Hazeltine Weeder.** 30c. each (by Parcel Post, 40c.); doz. \$3.25.

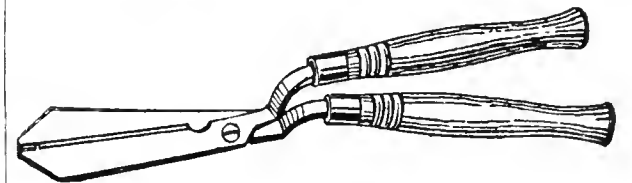


### Aeroil Weed Burner

For destroying any kind of weed or brush, killing stems, roots, and seeds. Burner can be used with any type compression tank.

No. 99. Complete with 4-gal. tank and hose..... \$20 00  
Without tank..... 12 50

No. 99. Junior With 2-gal. tank..... 15 00  
Without tank..... 10 00



### Hedge Shears

	American	English
6-in.....	\$2 10	
8-in.....	2 25	\$3 50
9-in.....	2 60	3 75
10-in.....	2 85	4 25
12-in.....		5 00

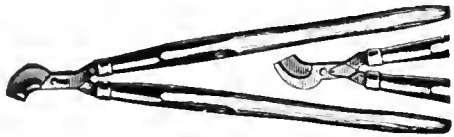
### Simplicity Hedge Trimmer

No. 100. To be used for fresh new growth only. Will trim every variety of hedge grown and to any shape. Price, \$3.75 (by P. Post, \$4.00).

### Simplicity Hedge Pruner and Trimmer

No. 101. For pruning back old growth and trimming new. Price, \$4.75 (by P. Post, \$5.00).

## MICHELL'S HORTICULTURAL AND AGRICULTURAL ACCESSORIES, continued



Clyde Draw Cut Lopping Shears

### Lopping Shears

- No. 5409. **Clyde Lopping.** 24-in. handles. Price, \$1.75.  
 No. 5402. **Clyde Draw Cut Lopping.** 30-in. handles. Price, \$3.75.  
 No. 1. **Disston Lopping.** 27½-in. handles. Price, \$3.25.  
 No. 3. **Disston Bull Dog Lopping.** 27½-in. handles. Price, \$3.25.  
**Rhodes Double Cut.** 26 and 30-in. handles. Price, \$4.50.



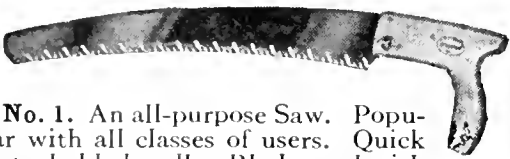
No. 1 Forester Lopping Shears

### Forester Lopping Shears

- Powerful and ruggedly built Shears. Has patented slide-shift power slot.  
 No. 1. 20 in. long. Capacity, 1 ⅞ in. Weight, 2 lbs., 10 ozs. Price, \$4.85 (by Parcel Post, \$5.00).  
 No. 2. 27 in. long. Capacity, 1½ in. Weight, 4 lbs., 10 ozs. Price, \$5.75 (by Parcel Post, \$5.95).

### Speed Saws

A patented Saw with new-design teeth in groups of 2 slicer teeth and one planer tooth. Made of the best rust-resisting steel, in excellent finish, and used by many for every purpose.



- TR No. 1. An all-purpose Saw. Popular with all classes of users. Quick detachable handle. Blade used with pole pruner for cutting high limbs from ground. 16-in. blade. Price, \$3.50.



- TR No. 3-14. Preferred by utilities, telephone companies and tree surgeons. 1¾ in. at point and 3¾ in. at butt. Use No. 102 gauge when filing. Price, \$4.35.



No. 4

### Disston Pruning Saws

- If wanted by Parcel Post, add 15c. each for postage.  
 No. 4. 18-in., double edge. \$1 60  
 No. 4. 20-in., double edge. 1 75  
 No. 7. 16-in., single edge. 1 65  
 No. 7. 18-in., single edge. 1 70  
 No. 7. 20-in., single edge. 1 90  
 No. 50. 14-in., California Pattern. Crescent-shaped blade. 1 40  
 No. 5. 20-in., double edge, curved blade. 1 90  
 D27. Steel blade, 6 in. wide at butt; 1¼ in. at point; 26 in. long. Hardwood handle. 3 50

### Tree Pruners

- Disston's Little Giant.** \$2 25  
 With saw attachment. 3 25  
 No. 111. **Disston's Adjustable Pruning Saw.** 1 75  
 The above prices are for Pruner without rope or pole.

### Bartlett Compound Tree Trimmer

- No. 1R. Has a compound lever head and is made with a hook and side lever. Will cut a limb up to 1¼ inches in diameter. Prices with pole complete.  
 6-ft. \$5 50 | 12-ft. \$6 50  
 8-ft. 5 75 | 14-ft. 7 00  
 10-ft. 6 00 | 16-ft. 7 25



### Clyde Tree Trimmer

- No. 5407. With pole and removable cutting blade, complete.  
 6-ft. \$2 25  
 8-ft. 2 50  
 10-ft. 2 75  
 12-ft. 3 00  
 14-ft. 3 25  
 Extra Blades for Clyde Pruners, 20c. each.

### Poles for Tree Pruners

- 12 ft. long, 1½-in. diam. \$2 25  
 14 ft. long, 1½-in. diam. 2 75  
 Clyde Pruners or Poles are not mailable.



No. 100

### Pruning Shears

- If Pruning Shears are wanted by Parcel Post, add 10c. each for postage.  
 No. 100. **Michell's.** 9-in. \$4 00  
 No. 156. **Disston.** 8½-in. 3 00  
 No. 127. **Disston.** 8¼-in. 1 85  
 No. 116. **Disston.** 9-in. 90  
 No. 146. **Disston.** 9-in. 1 40  
 No. 5. **Michell's.** 9-in. 45  
 No. 109. **Wiss.** 8-in. 3 25  
 No. FH-2. **Wiss.** 6½-in. Nickel-plated. 1 50  
**Spiral Springs** for any of the above Pruning Shears, 20c. each; doz. \$2.00.



### Pruning Gloves

- No. 280. Horsehide, with Pair gauntlets, lined. \$1 70  
 No. 217. Horsehide, with gauntlets, not lined. 1 50  
 No. 228F. Horsehide, no gauntlets, not lined. 2 25  
**Eezy Wear Garden Gloves.** All leather. 70  
 If wanted by Parcel Post, add 10c. for postage.

### Pruning Compound

- Used for painting the wounds of trees after pruning.  
 Qt. \$0 45  
 Gal. 1 40

### Grafting Wax

- ¼lb. 18c.; 25c. per ½lb. (by Parcel Post, 30c.); 1b. 45c. (by Parcel Post, 55c.).

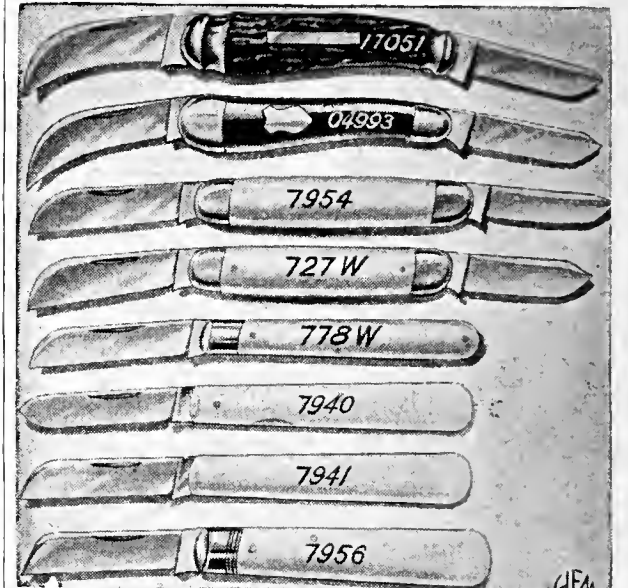
### Grafting Tool

Made of best steel, for grafting trees, etc. Price, \$1.10 (by Parcel Post, \$1.20).



### Tree Scraper

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened.  
 No. 3. Short handle. Each \$0 60 P. Post \$0 70  
 No. 5. 2-ft. handle. 1 25



### Horticultural Knives

A good Knife is an essential to every gardener and florist. Our Knives are all of the best steel and guaranteed to give good satisfaction.

### Wostenholm English

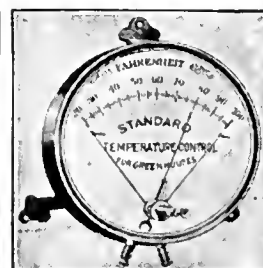
- No. 7705 **Pruning.** 1 blade. Stag handle. Each \$3 00  
 Extra heavy. \$3 00  
 7940 **Budding.** 1 blade. White handle. 2 75  
 7954 **Budding.** 2 blades. White handle 3 25  
 7956 **Budding.** 2 blades. White handle 3 75  
 17051 **Pruning.** 2 blades. White handle. 3-25

### American

- R1955 **Budding.** 1 blade. White handle. \$0 90  
 105 **Pruning.** 1 blade. Cocoa handle. 1 00  
 727W **Budding.** 2 blades. White handle 1 15  
 04993 **Budding and Pruning.** 2 blades. Stag handle. 1 00  
**Florists' Favorite.** 1 blade. White handle 90

### Hotbed Thermometer

- No. 20450. Iron Point. Oxidized finish. Each \$2 75



### Thermostats

Furnished complete with the exception of wire, battery, and bell. All brass. Price, f.o.b. Philadelphia.

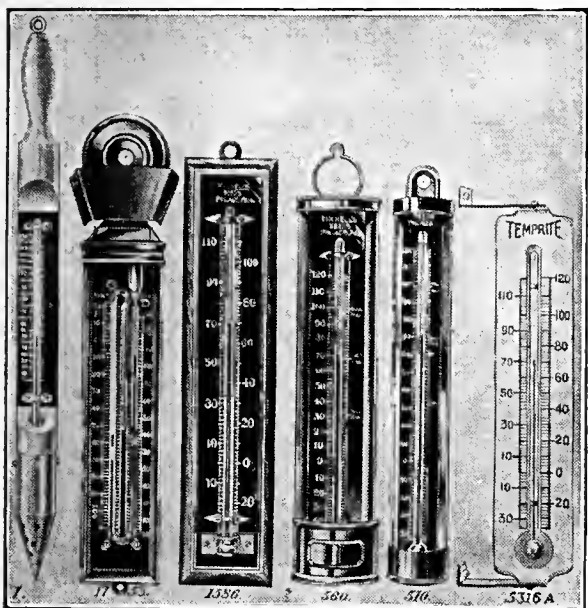
- No. GH3. Not waterproof style. Price, \$10.50 (f.o.b. factory, \$10.00).  
 No. GH4. Waterproof style. Price, \$16.00 (f.o.b. factory, \$15.00).

ALL PRICES SUBJECT TO MARKET CHANGES



## MICHELL'S GARDEN AND GREENHOUSE ACCESSORIES

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



### Thermometers

**No. 1757. Maximum and Minimum.** Registers the coldest and the warmest points during the previous night. 10-in., Black Tin Case. Price, \$5.50.

Tested Grade.	Each	Doz.
No. 506. Tin Case. 8-in.	\$0 65	\$7 00
No. 510. Tin Case. 10-in.	75	8 00
No. 556. Greenhouse. 8-in.	1 15	12 00
No. 560. Greenhouse. 10-in.	1 35	15 00
No. 656. Copper Case. 10-in.	2 00	
No. 1582. Wood Back 8-in.	1 75	
No. 5127. Temprite Greenhouse.		
8-in. White enamel, red column	1 00	11 25
No. 5316A. Temprite Window or Wall. 8-in. White enamel, red column.	1 00	11 25

### Recording Thermometer

**No. 200.** Can be equipped with either a daily or weekly chart, enabling the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night. Has a high-grade clock and ink stylus which marks very accurately. When ordering, state if weekly or daily record chart is desired. Price, \$40.00 (f.o.b. factory, \$39.00).

### Neva-Clog Stapling Pliers

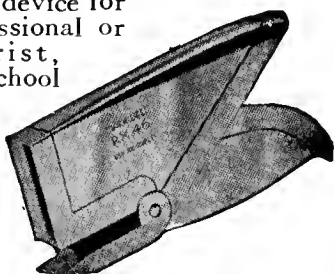
Operated in the hand like a pair of scissors. Staples are fed in one strip fastened together in cartridge form. Has an ejector which automatically throws out accidentally closed staples. 100 staples to a cartridge. Price, \$4.50.

**Neva-Clog Staples** Box (1000) 45c.

### Markwell Plier Stapler

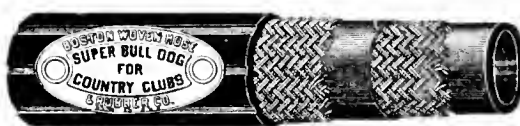
**No. RX46.** An ideal device for every office, professional or businessman, florist, store, factory, school and home. Compact and light in weight. Price, \$2.50.

**Staples** for above 30c. per 1000; per 5000, \$1.30.



### Hose Washers (Rubber)

	1/4lb.	Lb.	By P.P.
3/4-in.	\$0 20	\$0 60	\$0 70
1-in.	30	95	1 05



### Rubber Hose

	Per ft.
<b>Michell's Special.</b> 1/2-in.	\$0 14
<b>Michell's Special.</b> 5/8-in.	15
<b>Michell's Special.</b> 3/4-in.	16
<b>Electric.</b> You cannot kink it. 1/2-in.	18
<b>Electric.</b> 5/8-in.	19
<b>Electric.</b> 3/4-in.	22
<b>Super Bull Dog.</b> Green. 3/4-in.	22
<b>Torrent.</b> Red. 3/4-in.	20
<b>Spray Pump Hose.</b> 3/8-in.	15

All brands come in reels of 500 feet and sections in any length to that number of feet may be had. 25- and 50-foot sections of Hose coupled free. Smaller sections coupled at the rate of 20c. per pair for couplings attached.

### Hose Bands (Caldwell's)

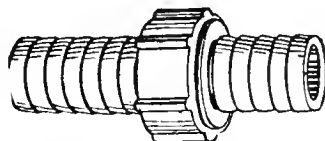
If wanted by Parcel Post, please add 5c. per doz. and 15c. per gross for postage.

	Doz.	Gross
No. 8. For 4-ply hose.	\$0 40	\$4 00
No. 6. For 3-ply hose.	40	4 00

**Pliers** for above, 35c. per pair (by Parcel Post, 45c.).

### Sure Grip

Can be furnished in 1/2-in., 5/8-in. and 3/4-in. size at 5c. each; doz. 40c. (by Parcel Post, 50c.); \$2.60 per 100 (by Parcel Post, \$2.80).



### Brass Hose Couplings

	Pair	Doz.	By P.P.
1/2-in.	\$0 25	\$2 60	\$2 70
5/8-in.	25	2 60	2 70
3/4-in.	25	2 60	2 70
3/8-in., long shank.	30	3 00	3 15

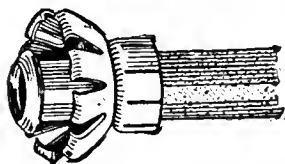
### Perfect Hose Couplings

Equipped with a clamp on the male and female part for securing to the hose; no band required. For 1/2- and 3/4-in. hose—mention which is wanted when ordering. 30c. per pair (by Parcel Post, 35c.); doz. pairs \$3.30 (by Parcel Post, \$3.55).

### Hose Menders

	Each	Doz.	100
<b>Cooper's.</b> 3/4-in.	\$0 10	\$0 90	\$6 00
<b>Cooper's.</b> 5/8-in.	10	90	6 00
<b>Cooper's.</b> 1/2-in.	10	90	6 00

### Perfect Hose Menders



For 1/2- and 3/4-in. hose, 12c. each; doz. \$1.10 (by Parcel Post, \$1.20); \$7.50 per 100.

### Tradur Hose Connectors

These complete your hose equipment by adding efficiency and convenience. They save you time and money and please your men. They stay on the job.

<b>Faucet Part.</b> 3/4-in.	\$0 25
<b>Hose Part.</b> 3/4-in.	65
<b>Complete Set.</b>	90



### Noscrew Hose Clamp

Installed instantly; no screw-driver or tools of any kind required. For 1/2-in., 5/8-in., and 3/4-in. hose. 9c. each; doz. 90c.

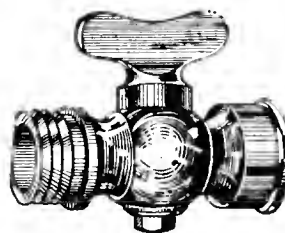
### Siamese Hose Connection

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used, according to the water pressure. Price, 95c. (by Parcel Post, \$1.05).

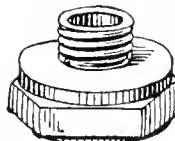


### Shut-Off Connection

Cast-brass, polished, 3/4-in. male thread on one end and 3/4-in. female thread on the other. Price, \$1.10 (by Parcel Post, \$1.20).



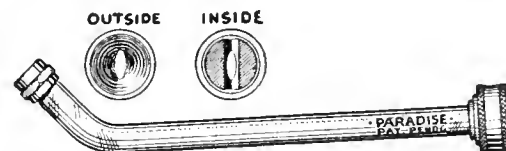
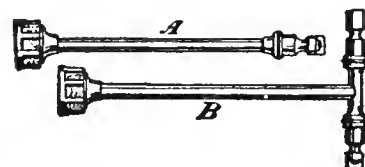
### Hose Reducers



Reduces 1-inch pipe to fit regular 3/4-in. hose. All brass. Price, 30c. (by Parcel Post, 40c.). Fig. 966. Reduces 3/4-in. pipe to fit regular 3/8-in. hose. Price, 55c. (by Parcel Post, 65c.).

### Stott's Spray Nozzles

<b>A.</b> Single.	\$1 75
<b>B.</b> Double.	2 75

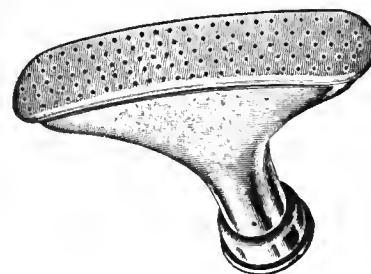


### Paradise Nozzle

10-in.	\$2 50	18-in.	\$3 00
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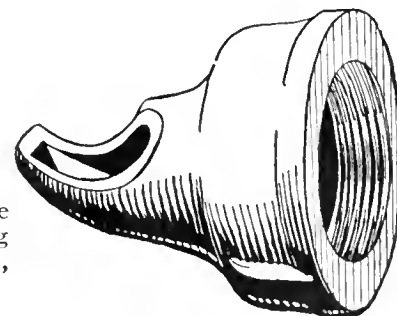
### Flaring Rose Sprinkler

Ejects a fan-like spray. Especially adapted for sprinkling flowers. Price, 50c. (by Parcel Post, 60c.).



### Michell's Garland Nozzle

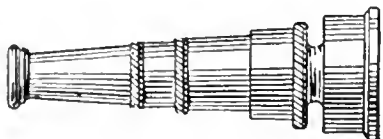
A fine Nozzle for watering benches. Price, 50c.



### Boston Spray Nozzle

	For 3/4-in. hose	Each	By P.P.
<b>Light Copper</b>		\$1 40	\$1 50
<b>Heavy Brass</b>		1 25	1 35

## MICHELL'S SPRAYING APPARATUS

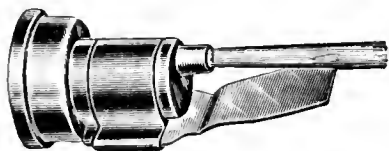


### Gem Pattern Nozzle

For 3/4-in. hose. Price, 55c. (by Parcel Post, 65c.).

### Binks Nozzle

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and line. Price, \$3.25 (by Parcel Post, \$3.35).



### Champion Brass Nozzle

A dandy Nozzle for greenhouse use. Easily adjusted. Price, 50c. (by Parcel Post 60c.).

### Carter Lever-Spray Hose Nozzle

Hand-pressure regulates flow. Automatic shut-off when released. Price, 95c. (by Parcel Post, \$1.05)



### Hydrant Attachments

Used for attaching hose to smooth faucets.

	Each	P. Post
No. 2. For small spigot.....	\$0 55	\$0 65
No. 3. For large spigot.....	60	70

### Aprons

For protecting the clothing while watering, etc.

	Each
Rubber.....	\$1 75
Blue Denim.....	1 00

### Liquid Manure Distributor

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. Price, \$2.75 (by Parcel Post, \$2.85).



### Misto Bottle Sprayer

For applying water to cut-flowers, funeral and other design work. Makes a fine mist, avoiding all drip. Made of metal, nicely nickel-plated. Price, with bottle, \$1.25 (by Parcel Post, \$1.35); per 6, \$7.00 (by Parcel Post, \$7.25).

### Rubber Spray Bulb

Can be used for spraying either liquid or powder. Spray-head is removable. Price, 8-oz. size, 50c.; 90c. per 14-oz. size.

### Extension Pipes, Etc.

For reaching into trees (3/8-in. threads). Each	
Bamboo. Brass lined. 8-ft. ....	\$5 50
*Brass. For Auto Sprays. 2-ft. ....	60
Pet Cock. For extension pipes .....	90
*Paragon Extension. 2 1/2 ft. ....	50
*If wanted by Parcel Post, add 10c. for postage	



No. 3 Paragon Sprayer

### Paragon Sprayers

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.

No. 0. Capacity, 3 1/2 gals. Equipped with 4-ft. Hose, a 3-ft. Spray Pipe, and 3 Spray Nozzles. Price, \$12.75.

No. 1. With a 6-gal. Reservoir. Equipped with 5-ft. Hose, 5-ft. Spray Pipe, and 3 Nozzles. Price, \$17.00.

No. 3. With 12-gal. Tank mounted on a Truck, 7 1/2-ft. Spray Pipe, 3 Nozzles, and 10-ft. Hose. Price, \$22.50. Without Truck, \$18.25.

We can also supply this Sprayer with single wheel at same price.

No. 4. Capacity, 28 gals. Mounted on a two-wheel Truck, with 10-ft. Spray Pipe, 20-ft. Hose, and 3 Nozzles. Price, \$38.50.

No. 5. Capacity, 50 gals. Equipped with 25-ft. Hose, 10-ft. Extension Pipe, 3-way Spray Nozzle, and one Single Spray Nozzle, no Truck. Price, \$42.50. With Truck, \$67.00.

B41. Extra Washers for Pump Plungers for Paragon Sprayers, 25c. each.

### Auto Spray

A compressed-air Sprayer with open head and strongly reinforced corrugated tank.

No. 4B. Brass Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$10.00 (by Parcel Post, \$10.30).

No. 4D. Steel Tank. Capacity, 4 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$6.50 (by Parcel Post, \$6.75).

No. 250D. Steel Tank. Capacity, 2 1/2 gals. Equipped with Hose and Auto-Pop Nozzle Attachment. Price, \$4.00 (by Parcel Post, \$4.25).

Auto-Pop Nozzle Attachment. Controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately. Price, Plain, \$1.40 (by Parcel Post, \$1.50); complete with Hose \$2.00 (by Parcel Post, \$2.15).



### Hand Sprayers

Michell's. (Compressed Air.) See cut.

	Each	P. Post
Tin .....	\$0 85	\$1 00
Brass .....	1 65	1 80



### Vermorel Knapsack Sprayer

A new Knapsack Sprayer which works on the compressed-air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$15.00 (by Parcel Post, \$15.30).

### Gould Spray Pumps

This make of Spray Pump has been favorably regarded by gardeners, farmers, and fruit-growers for years.

Pomona. No. 1744. Plain Barrel Pump, no Hose, Nozzle, or Barrel. Price, \$20.00.

Pomona. No. 1744. Outfit C, with Agitator, 25-ft. 1/2-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$24.40.

Fruitall. Plain Pump, no Hose, Nozzle, or Barrel. Price, \$11.00.

Fruitall. Outfit C, with Agitator, 25-ft. lead of 1/2-in. Special Spray Hose and Mistry Jr. Nozzle (no barrel). Price, \$15.40.

Barrels. 50-gal. capacity. Price, \$6.75.

Truck. With 3 1/2-in.-tire wheels. Price, \$23.75.



### Myers' Kwikfill Compressed-Air Sprayer

No. 2242. Galvanized Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 13 lbs. Price, \$6.00.

No. 2242B. Brass Tank; capacity, 4 gals. 18-in. Brass Extension Rod. Weight, 13 lbs. Price, \$10.50.

See pages 46 and 47 for Insect Destroyers

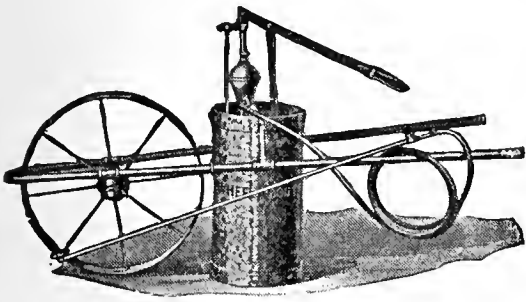
### Wheelbarrow Sprayer

No. 50. Adapted for spraying vegetable crops, flowers, orchards, etc., also for spraying disinfectants. Steel frame; galvanized Tank; all-brass Pump; all working parts brass. 8-ft. Hose. Price, \$15.50.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S SPRAYING AND INSECTICIDE APPARATUS

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

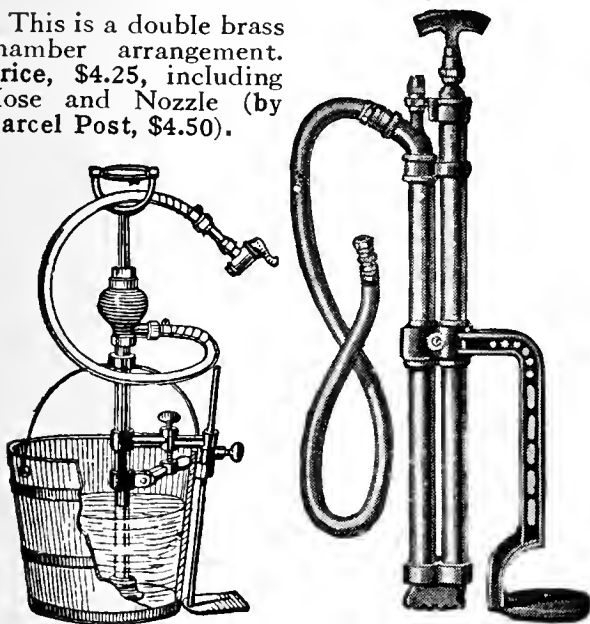


**Wheelabout Sprayer**

Narrow enough to go through the aisles of a greenhouse, the extreme width being 18 inches. The 24-inch wheel, with a 3-inch tread, makes it easily handled over soft and rough ground. Pump has 1½-inch diameter cylinder, with adjustable stroke. Equipped with 12-gallon Galvanized Tank, 10-ft. Hose, 4-ft. Extension Pole, Nozzle, and Shut-off Valve. Price, \$33.50.

**Myers' Bucket Pump**

This is a double brass chamber arrangement. Price, \$4.25, including Hose and Nozzle (by Parcel Post, \$4.50).

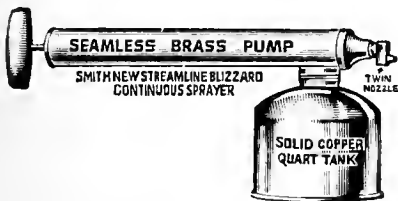


Perfect Success

Myers' Pump

**Bucket Spray Pump**

The prices below do not include Bucket, but include Nozzle and 3½-ft. ¾-in. hose. No. 689. **Perfect Success** (with Bucket Fastener). Price, \$7.75 (by Parcel Post, \$8.00).



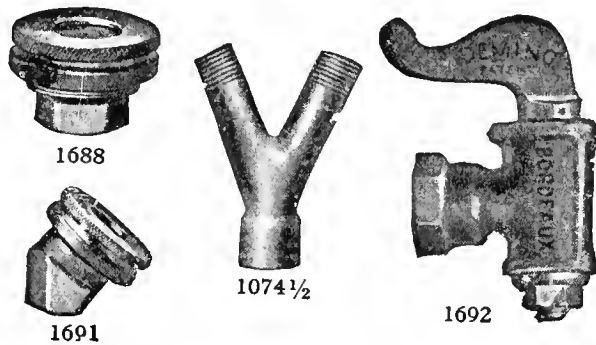
**Streamline Blizzard Sprayer**

No. 14C. **Solid Copper Tank.** Capacity, 1½ qts. Weight, 2½ lbs. Continuous spray. Price, \$1.75.



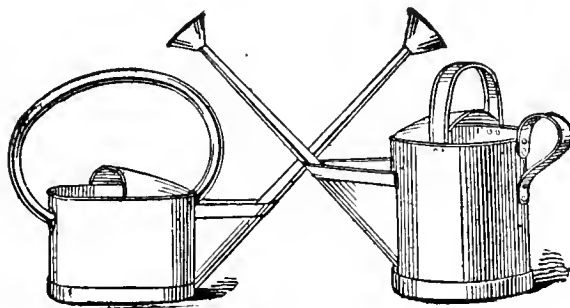
**Heavy Brass Syringes**

No.	Diam.	Length		Price	P.Post
99.	1½ in.	18 in.	1 spray....	\$3 25	\$3 45
101.	1¼ in.	14 in.	2 sprays....	3 75	3 95
101A.	1½ in.	16 in.	2 sprays....	4 50	4 70
110.	1¾ in.	20 in.	2 sprays....	7 75	7 95
120.	1¾ in.	20 in.	Adjustable..	8 50	8 70



**Spray Nozzles (¾-in. thread)**

Each  
**Mistry, Jr.** (Fig. 1688). Straight style.. \$0 90  
**Mistry, Jr.** (Fig. 1691). Angle style.... 90  
 Fig. 1074½. Y connection for making a double spray-head nozzle..... 35  
**Bordeaux** (Fig. 1692)..... 1 20  
 If Nozzles are wanted for ¾-in. hose connections, add 60c.



**Watering Cans (Wotherspoon)**

Galvanized, extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4-qt.....	\$4 50	
6-qt.....	4 75	\$5 50
8-qt.....	5 25	5 75
10-qt.....	5 75	6 25
12-qt.....	6 25	6 50
16-qt.....	7 25	7 75
4-qt. Fern or Low.....	3 75	

**Extra Roses** for Wotherspoon Watering Cans, either coarse or fine, 50c. each.

**Mitchell's Watering Cans**

Made of light galvanized iron.

4-qt.....	\$0 85
6-qt.....	95
8-qt.....	1 10
10-qt.....	1 25
12-qt.....	1 40
16-qt.....	1 75



Spraywell

Scollay

**Rubber Sprinklers**

For sprinkling cut-flowers, seedlings, etc. Spraywell style in either straight or crook neck.

No.	Style	Capacity	Each
No. 1.	Spraywell Style.	6-oz. capacity.	\$0 75
No. 2.	Spraywell Style.	8-oz. capacity.	90
No. 3.	Spraywell Style.	10-oz. capacity.	1 10
No. 1.	Scollay.	12-oz. capacity.	1 25

**Vermorel Duster**

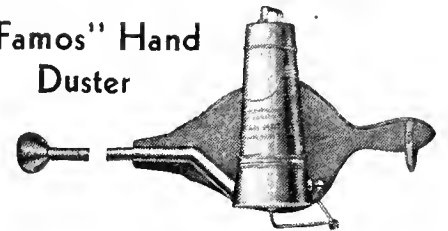
A knapsack machine for dusting various kinds of powdered insecticides. Capacity, 6 qts. (dry measure).

	Each	P.Post
<b>Single-Action Duster</b> .....	\$11 00	\$11 30
<b>Double-Action Duster</b> .....	15 00	15 30

**Brown's Crystal Duster**

A new-type Duster recommended for use in dusting truck crops in the garden, flower-beds, etc. The glass-jar feature enables the operator to see the amount of dust in the container; equipped with a long extension and adjustable nozzle. Capacity, 1 qt. Price, \$1.20.

**"Famos" Hand Duster**



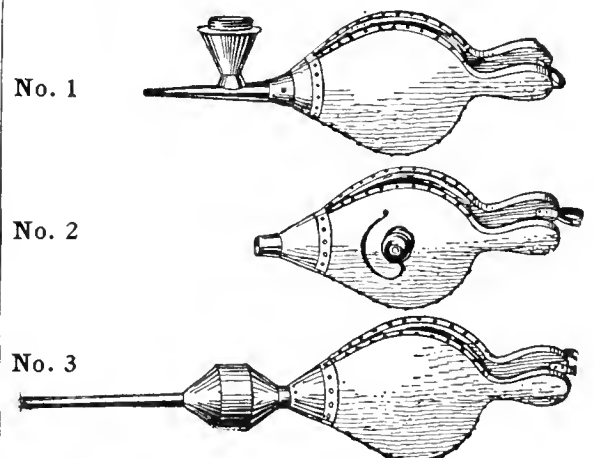
An ideal machine for those who need a small but efficient Duster. It is of light, compact, sturdy construction, and equipped with 24-in. Extension Pipe. The fan-shaped Spreader can be adjusted to throw dust on the under side of foliage or at any angle desired. Especially adapted for applying sulphur. Capacity, 1 lb. Price, \$6.00.

**"Green" Hand Duster**

Capacity, 2 to 4 lbs. Powerful bellows. 30-in. Extension with Spreader. Price, \$7.00.

**Hudson Duster**

No. 606. Adapted for small truck farms, gardens, small orchards, and vineyards, as well as cemeteries and other places. Will handle all agricultural dusts. Four-blade, high-speed fan. Equipment includes 2 Nozzles, Y connection, and 4 15-in. Telescoping Tubes. Made of heavy steel and machine-cut gears. Price, \$10.25.



No. 1

No. 2

No. 3

**Bellows**

	Each	P.Post
<b>Small Single-Cone.</b>		
(No. 1.).....	\$2 75	\$2 95
<b>Sulphur.</b> (No. 2.).....	3 75	3 95
<b>Large Double-Cone.</b> (No. 3.)...	6 00	6 25
<b>Large Single-Cone</b> .....	4 25	4 45



Vaporizing Lamp

**Vaporizing Lamp**

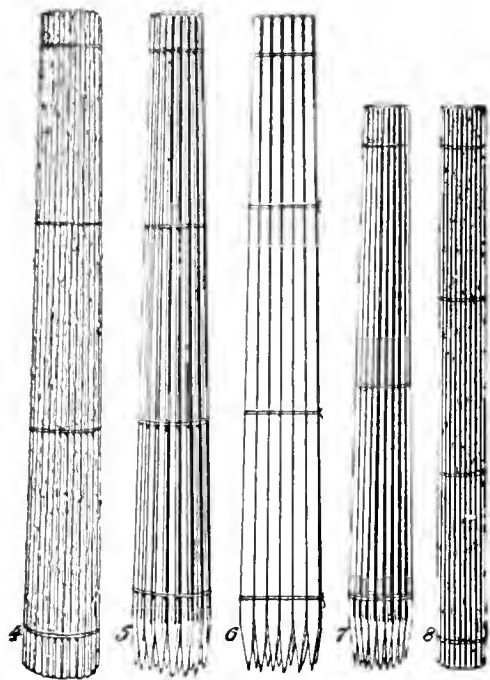
All metal; practical and indestructible. Burns kerosene. Used for dispensing fumes of Nikotcen and other preparations of this sort. 70c. each (by Parcel Post, 80c.); 6 for \$3.75 (by Parcel Post, \$4.00); \$7.00 per doz. (by Parcel Post, \$7.25).



## MICHELL'S SUNDRIES FOR FLORISTS, ETC.

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage

### Plant Stakes



Key to above illustration: No. 4, Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Cane, green

#### No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 -ft.....	\$0 20	\$1 25	\$9 00
2½-ft.....	25	1 40	11 50
3 -ft.....	30	1 50	14 00
3½-ft.....	35	1 80	15 50
4 -ft.....	40	2 25	19 50
4½-ft.....	45	2 50	20 00
5 -ft.....	50	3 00	22 50
6 -ft.....	60	3 50	26 00

#### No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000
2 -ft.....	\$0 25	\$1 40	\$12 00
2½-ft.....	30	1 65	14 50
3 -ft.....	35	2 00	17 00
3½-ft.....	40	2 50	21 00
4 -ft.....	50	2 75	22 00
4½-ft.....	55	3 00	24 75
5 -ft.....	65	3 50	29 50
6 -ft.....	75	4 00	33 50

#### Green-Painted Tapering Plant Stakes

	Doz.	100
1½-ft.....	\$0 30	\$1 75
2 -ft.....	50	3 25
2½-ft.....	60	4 50
3 -ft.....	80	6 00
3½-ft.....	1 05	7 50
4 -ft.....	1 25	9 00
5 -ft.....	1 50	11 00

#### Green-Painted Heavy or Dahlia Stakes

	Doz.	100
3-ft.....	\$1 35	\$9 50
4-ft.....	1 85	13 00
5-ft.....	2 30	16 75
6-ft.....	2 80	20 00

#### Square Painted Plant Stakes

	Doz.	100
1½-ft.....	\$0 30	\$1 65
2 -ft.....	50	2 25
2½-ft.....	60	2 75
3 -ft.....	1 05	7 00
4 -ft.....	1 15	9 00
5 -ft.....	1 75	12 75
6 -ft.....	2 00	14 25

### Hyacinth Stakes

#### Wood Dyed Green

	100	1000	5000	10,000
12-in.....	\$0 25	\$1 00	\$4 75	\$9 00
15-in.....	30	1 15	5 50	10 50
18-in.....	35	1 40	6 50	12 50

### Split Bambo Stakes

	1000	5000
Pointed on one end.		
12-in.....	\$1 00	\$4 75
15-in.....	1 15	5 40
18-in.....	1 25	6 00

### Ash Wood Plant Stakes

	Doz.	100
3-ft.....	\$0 60	\$4 00
4-ft.....	85	6 00
5-ft.....	1 00	7 50
6-ft.....	1 65	12 50

### Cane Stakes

These are very attractive for all purposes of plant staking. Thin and very strong.

	100	1000	2000
1½-ft., Green.....	\$0 35	\$1 65	\$2 50
2 -ft., Green.....	45	2 25	3 25
2½-ft., Green.....	55	2 75	4 25
3 -ft., Green.....	65	3 25	5 00
3½-ft., Green.....	80	4 00	6 50
4 -ft., Green.....	1 00	4 75	7 50
5 -ft., Green.....	1 15	6 50	10 50
6 -ft., Green.....	1 35	8 00	13 50

### Chinese Tonkin Bamboo Stakes

A heavy, substantial stake for dahlias, ivy, young trees, etc.

	100	1000
4-ft. high, ½- to ⅝-in. diam....	\$3 00	\$22 50
6 ft. high, ⅝- to ¾-in. diam....	5 00	37 00

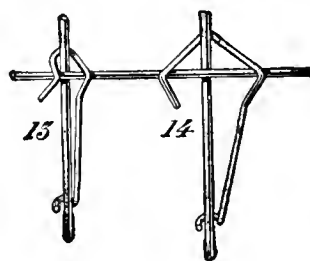
### Stake Fasteners

**Everlasting Style.** Heavy. Price, \$1.50 per 500; per 1000, \$2.50; \$12.00 per 5000. See illustration No. 14.

#### Eureka Style.

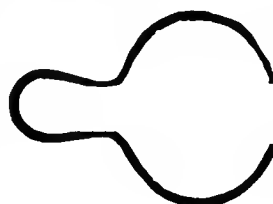
Light. Price, \$2.00 per 1000; per 5000, \$9.50. See illustration No. 13.

If wanted by Parcel Post, add 10c. per 500; 15c. per 1000 for postage.



### Lightning Wire Stake Tie

Takes the place of twine; can be used more quickly and many times. Price, \$2.00 per 1000 (by Parcel Post, \$2.15); per 5000, \$9.50 (by Parcel Post, \$9.80); \$18.00 per 10,000.



### Bamboo Poles

	Doz.	100
16 ft.....	\$2 50	\$14 00
18 ft.....	3 00	18 00
20 ft.....	3 50	22 50

### Wire, Annealed

Prices subject to change

No. 16. 12-lb. stone.....	\$1 20
No. 18. 12-lb. stone.....	1 25
No. 20. 12-lb. stone.....	1 45
No. 22. 12-lb. stone.....	1 60
No. 24. 12-lb. stone.....	1 80
No. 24. Bright annealed. Spools of about 8 ozs.	
Price, 20c. each; per doz., \$1.75.	

### Wire, Galvanized

No. 16. 12-lb. stone.....	\$1 15
No. 18. 12-lb. stone.....	1 30
No. 19. 12-lb. stone.....	1 45
No. 20. 12-lb. stone.....	1 65
No. 22. 12-lb. stone.....	1 85
No. 19. <b>Tinned.</b> Cut to 8½ in. long, 10-lb. box.....	2 00

### Cut Bouquet Wire

For Stemming flowers, etc.

Cut 9, 12, or 18 inches in length.

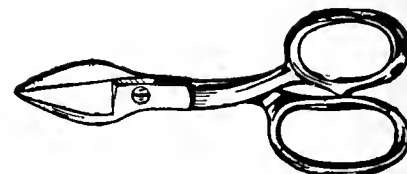
	Lb.	Box (12 lbs.)
No. 18. 18 in. only.....	\$0 20	\$1 40
No. 19. 18 in. only.....	20	1 50
No. 20.....	25	1 70
No. 21. 18 in. only.....	25	1 75
No. 22.....	25	1 90
No. 24.....	35	2 35

### Cut Bouquet Wire

Painted Green

Does not rust. Ideal for corsage work. Cut 9, 12, or 18 inches in length.

	Lb.	Box (12 lbs.)
No. 20.....	\$0 20	\$2 35
No. 22.....	35	2 50
No. 24.....	40	2 90



### Wire Snips

If wanted by Parcel Post, add 10c. each for postage.

	Each
No. 369. 7-in.; serrated edge; long blade.....	\$1 50
No. 833. 7½-in.; short blade.....	1 25
No. 832. 8-in.; long blade.....	1 40
No. 12. 8-in.; heavy.....	1 35
No. 10. 11-in.; heavy.....	2 15

### Carnation Mending Devices

**Staples.** For calyx mending. 30c. per 1000; per 5000, \$1.45; \$2.70 per 10,000; per 25,000, \$6.50; \$12.50 per 50,000.

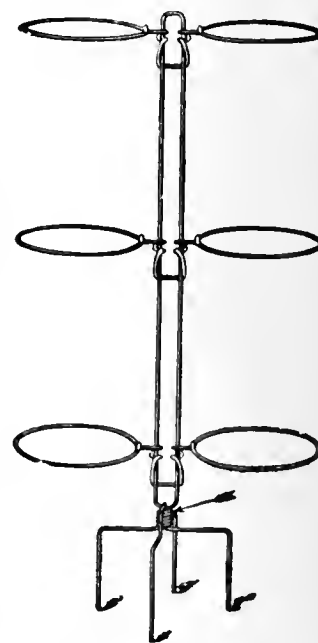
**Rubber Bands.** Oz. 20c.; 75c. per ¼lb.; lb. \$1.75.

### Carnation Supports

The best double Support on the market. Made of Nos. 11 and 14 galvanized wire, 28 in. high. Can be put together in less than a minute; will not fall apart. \$11.50 per 100; per 1000, \$100.00.

### Michell's Snapdragon Support

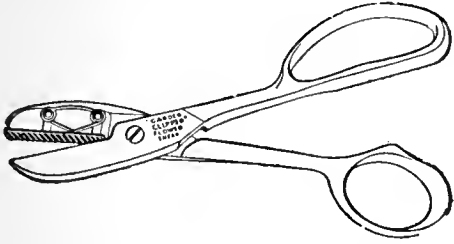
The only Support of the kind on the market and indispensable to the proper growing of this popular plant. Doz. \$2.00; \$15.00 per 100.



Carnation Support

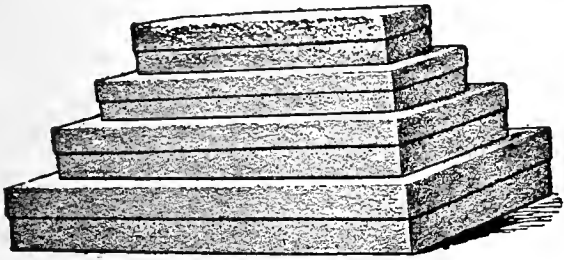
All prices subject to market changes

## MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued



## Eversharp Flower Shears

No. 1248. Wonderful help for cutting and gathering flowers. Snips and holds in one motion. Handy for picking flowers that are hard to reach. Price, 70c. (by Parcel Post, 80c.).



## Cut-Flower Boxes (Corrugated Paper)

Used almost exclusively for carrying and shipping cut-flowers, as they are lighter than wooden ones. Prices include clips for setting up.

	Each	Doz.	100
48 x 14 x 8 in.	\$0 60	\$5 00	\$30 00
42 x 14 x 8 in.	50	4 00	26 00
36 x 14 x 6 in.	45	3 50	20 00
30 x 12 x 6 in.	40	2 75	18 00
24 x 8 x 5 in.	25	1 75	12 00

## Boxes for Store Use

Mist-green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish, also in manila mist, tan, and Oxford gray, can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks.

	Price f.o.b. Philadelphia	Price f.o.b. factory
*18 x 5 x 3 in.	\$0 60	\$4 00
21 x 5 x 3 in.		3 60
21 x 7 x 3½ in.		5 20
*24 x 5 x 3½ in.	85	6 25
*24 x 8 x 4 in.	1 10	8 00
24 x 8 x 5 in.		7 20
28 x 8 x 4 in.		7 20
*28 x 8 x 5 in.	1 60	11 00
30 x 5 x 4 in.		6 15
*30 x 10 x 6 in.	2 00	14 70
*30 x 12 x 7 in.	2 60	19 00
36 x 6 x 5 in.		9 60
*36 x 8 x 5 in.	2 00	14 00
36 x 10 x 6 in.		14 40
42 x 8 x 5 in.		14 40

Sizes marked \* are carried in stock at Philadelphia; the other sizes are shipped from the factory in New York State in lots of not less than 50 of a size.

## Parcel Post Cut-Flower Boxes

For shipping cut-flowers. Made of brown fibre board. (f.o.b. factory only.)

	100
25 x 5 x 4 in.	\$9 00
24 x 8 x 5 in.	12 00
28 x 8 x 5 in.	13 60
30 x 14 x 8 in.	24 80
36 x 12 x 7 in.	24 40
13 x 9 x 6 in.	9 60
20 x 20 x 8 in.	23 60
24 x 24 x 10 in.	32 80

Parcel Post charges cover postage and special packing required

## Violet and Corsage Boxes

	Price f.o.b. Philadelphia	Price f.o.b. factory
8 x 5 x 5 in.	\$4 20	\$3 35
9 x 6 x 5 in.	4 50	3 60
12 x 6 x 5 in.	5 50	4 40
13 x 9 x 6 in.	7 70	6 15
15 x 6 x 5 in.	6 25	5 00

## Design Boxes

Manila-lined board in heavy weights.

	Price f.o.b. Philadelphia	Price f.o.b. factory
16 x 16 x 8 in.	\$14 00	\$11 20
18 x 18 x 8 in.	15 40	12 30
20 x 20 x 8 in.	17 50	14 00
24 x 24 x 8 in.	23 00	18 40

**Special Note.** When it is desired to have Boxes printed, please add \$2.00 to prices named, regardless of quantity.

## Double Telescope Box

Made of 175-pound test board, one size only—48 x 14 x 8 in. Can be shipped by express without crating. Price, 75c. each; doz. \$6.50; \$50.00 per 100.

## Moss

We made a specialty of long, clean, selected Sphagnum Moss. Florists will find the quality we furnish to be much better than the average.

**Sphagnum, Live or Green.** Pk. 35c.; \$1.00 per bus.; bbl. \$2.50.

**Sphagnum, Dry.** Bbl. bag \$1.00.

**Sphagnum, Dry.** Finest quality. Burlapped bale \$2.50; \$23.50 per 10 bales

**Green Lump.** Pk. 40c.; \$1.25 per bus.; bbl. bag \$2.00

**Green Sheet.** Bag \$2.25.

## Wired Toothpicks

Regular Size		P. Post
1000	\$0 40	\$0 50
10,000	2 75	3 00
50,000	11 00	
3-in., dyed green.		
Box, 8000	3 50	3 75
Case, 40,000	15 50	
4-in., dyed green.		
Box, 4500	3 00	3 25
Case, 10,000	6 00	
6-in., dyed green.		
Box, 3000	2 75	3 00
Case, 10,000	8 00	

## Wired Toothpick Holder

A handy device for holding wired toothpicks. Price, \$2.25 (by Parcel Post, \$2.40).

## Tinfoil

If wanted by Parcel Post, please add for postage as follows 10c. for 1 lb.; 15c. for 5 lbs.; 20c. for 10 lbs.

	Width	Lb.	5 lbs.	10 lbs.
Plain (5-lb. rolls)	5 in.	\$0 21	\$1 00	\$1 90
Plain	6 in.	21	1 00	1 90
Violet Foil	6 in.	40	1 75	
Green Foil	6 in.	40	1 75	

Ask for prices on large quantities of Foil

**Tinfoil Holder and Cutter** for rolls of Tinfoil. Price, 85c. (by Parcel Post, \$1.00).

## Tape

For tying boxes and packages.

**Christmas Red.** 1000-yd. spools \$3.25 (by Parcel Post, \$3.40).

**Moss Green.** 1000-yd. spools \$2.75 (by Parcel Post, \$2.90).

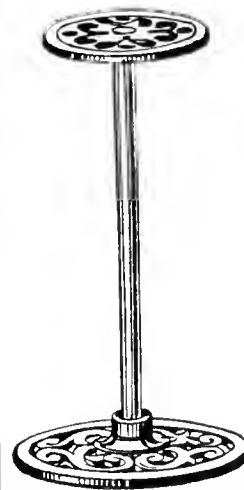
## Wire Baskets

Complete with hanger

	Each	Doz.	100
8-in.	\$0 20	\$2 25	\$17 00
10-in.	30	3 50	25 00
12-in.	50	5 50	38 00
14-in.	60	6 75	49 00
16-in.	75	8 25	60 00

## Paper for Wrapping Boxes and Flowers

	Lb.	1/2 ream	Ream
<b>Manila.</b> For wrapping	\$0 16	\$2 00	\$3 50
<b>Manila Tissue</b>	20	1 00	1 50
<b>Wax, White.</b> Best quality.			
24 x 36 in.	30	1 25	2 25
<b>Wax, Green.</b> Best quality.			
24 x 36 in.	35	1 30	2 35
<b>Green Wax.</b> In 3-in. wide rolls, for wrapping frames of designs. Price, per roll 25c.; \$2.50 per doz. rolls.			



## Iron Plant Stands

Enameled green.

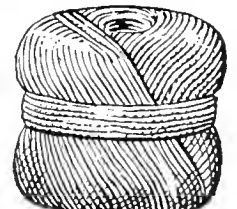
Size of Plates	Each
12 in. 5 x 7 in.	\$1 50
18 in. 5 x 7 in.	1 80
24 in. 8 x 10½ in.	2 60
30 in. 8 x 10½ in.	2 75
36 in. 8 x 10½ in.	3 00
42 in. 8 x 10½ in.	3 25
48 in. 8 x 12 in.	3 50
60 in. 8 x 12 in.	3 75
72 in. 8 x 12 in.	4 25

## Extra Plates for Stands

	Each
5-in.	\$0 65
7 in.	80
8-in.	95
10½-in.	\$1 25
12-in.	1 50



Silkline



Green Sea Island

## Twines, Etc.

If Twine is wanted by Parcel Post, add 10c. per lb. for postage.

**No. 108. White Cayuga Twine.** Ball Lb. Medium \$0 30 \$0 55

**No. 208. White Cayuga Twine.** Heavy 30 55

**Jute.** 2-ply and 3-ply. 5 lbs. \$1.05; \$2.00 per 10 lbs. 15 22

**Linen Bouquet.** 3 lbs. \$2.40 20 85

**Green Sea Island.** 5 lbs. \$3.00 10 65

**Special White Cotton.** 3-ply 15 45

**Special White Cotton.** 4-ply 15 50

**Tarred.** For mat-making 30

**Tarred Sisal.** For fodder 17

**Binder.** 5-lb. balls, 70c.; \$3.25 per 5 balls; 10 balls \$6.00.

**No. 6. Express.** Very heavy 20

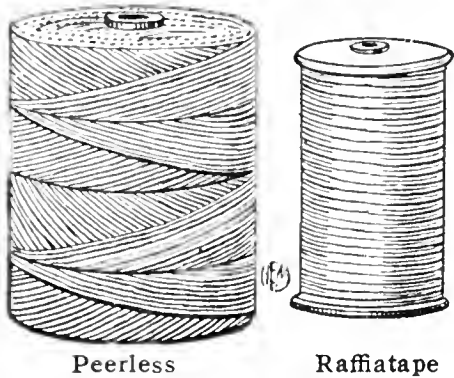
**No. 4½. Jap Twine.** Medium heavy 25

**Green Silkline.** F, fine; FF, medium; FFF, coarse. Spool 30c.; \$2.00 per lb. (8 spools).

**Everbest Twine.** A green linen thread. Spool 20c.; \$1.25 per lb.; 5 lbs. \$5.75; \$11.00 per 10 lbs.

## MICHELL'S SUNDRIES FOR FLORISTS, ETC., continued

Parcel Post charges where named are for shipment to the First and Second Zones; for other Zones, please add additional postage



Peerless

Raffiatape



### Florist's Peerless Twine

For tying up flower-boxes, designs, etc. Very attractive. Color, Nile green. 1-lb. tube 65c.; \$3.10 per 5 lbs.

### Raffia

We make a careful selection of long, broad strands for our trade.

**Natural Color.** 30c. per lb. (by Parcel Post, 40c.); 5 lbs. \$1.40 (by Parcel Post, \$1.55).

**Green.** 35c. per 1/2 lb.; 1 lb. 65c. (by Parcel Post, 75c.); \$3.00 per 5 lbs. (by Parcel Post, \$3.15).

### Raffiatape

This article is made of a composition of paper and linen, and is tremendously strong. It is about 1/8 in. wide, and comes 250 yards to a spool. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green. Spool of 250 yds. 60c. (by Parcel Post, 70c.); \$3.50 per 6 spools (by Parcel Post, \$3.70).

Raffia

### New Philly Fern Pin

A distinct achievement of real value to every florist. Easier to push in place. Easier to handle. Easier on the fingers. The bend holds the leaves firmly. No danger of leaves breaking loose as with the old-style pin. The S-shaped top presses securely on the leaf, making it stay where you put it. And they cost no more than ordinary pins. \$2.00 per 10-lb. box; 10 boxes \$19.25.



### Glass Cutters

Each

No. 8. Small Diamond.	Ebony handle.	\$6 50
No. 8A. Large Diamond.	Mahogany handle.	7 00
Single Wheel.	Steel.	Doz. \$2.50.. 25
6-Wheel.	Adjustable.	45

Parcel Post charges cover postage and special packing required

### Glazing Points

**Peerless No. 1 and 2.** For single-thick glass.

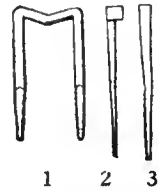
No. 2 1/2. For double-thick glass.

65c. per 1000 (by Parcel Post, 75c.); 5000 for \$3.10 (by Parcel Post, \$3.30).

**Pincers.** For driving Peerless Points. 90c. per pair (by Parcel Post, \$1.00).

**Seibert's Style Points.** Zinc. Three sizes, 5/8-, 3/4-, and 7/8-inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00); \$3.50 per 10 lbs. (by Parcel Post, \$3.70).

**Zinc Nails.** 5/8-, 3/4-, and 7/8-inch. 40c. per lb. (by Parcel Post, 50c.); 5 lbs. \$1.85 (by Parcel Post, \$2.00).



No. 1. Peerless.  
No. 2. Seibert's.  
No. 3. Zinc nails.

### Putty Distributor

The best appliance for distributing putty. Price, \$1.50 (by Parcel Post, \$1.60).



Mastica Machine



Putty Distributor

### Mastica

Mastica is prepared putty which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily. Gal. \$2.75; \$13.50 per 5 gals.

Mastica Machine. Price, \$3.50 (by Parcel Post, \$3.60).

### Black Glazing Cement (Masticote)

For waterproofing greenhouse gutters, roofs, etc.; also for making sash-bars water-tight. Gives excellent satisfaction. Apply with a mastica machine. Gal. \$1.35; \$6.50 per 5 gals.; 1/2 bbl. (35 gals.), \$1.10 per gal.; bbl. (55 gals.), \$1.00 per gal.

### Keystone Liquid Glazing Putty

Especially adapted for glazing wood and metal sash. Can be applied with a putty bulb or gun, making a perfectly water-tight job. Gal. \$2.25; \$9.50 per 5 gals.; 1/2 bbl. (about 30 gals.), \$1.70 per gal.; bbl. (about 50 gals.), \$1.55 per gal.

### Peerless Glass Repair Clamp

Will not rust. Saves lights of glass worth from 40 to 50 cents each. Price, \$1.75 per 100 (by Parcel Post, \$1.85).

### Greenhouse White Paint

Undoubtedly the best and most economical White Paint on the market today. Gal. \$3.75; \$17.50 per 5 gals.

### Skybryte Glass Cleaner

For taking off whitewash shading, etc. Coat the glass with Skybryte, flush off with water, and glass is clean. Five pounds to 20 gallons of water is sufficient for 20,000 feet of glass. 5 lbs. \$3.75; \$16.25 per 25 lbs.



### Glazit Gun

For applying liquid glazing putty, mastica, etc. Price, \$4.00 (by Parcel Post, \$4.20).



### Glazing Chisel

Made of fine-quality steel. Price, \$1.30 (by Parcel Post, \$1.45).

### Florists' Sundries

**Bulb Fibre.** Qt. 10c.; 35c. per 1/2 pk.; pk. 60c.; \$1.00 per 1/2 bus.; bus. \$1.50.

**Bull Dog Clips.** For fastening packages, boxes, etc. 75c. per box (1000).

**Carnation Dye, Green.** Pkg. 50c.

**Celery Paper.** Rolls 3 feet wide; 167 lineal feet. \$1.50 per roll.

**Celery Tape, Red.** 1000-yard spool \$3.25 (by Parcel Post, \$3.40).

**Celery Tape, Green.** 1000-yard spool \$2.75 (by Parcel Post, \$2.90).

**Charcoal, Lump.** Pk. 40c.; \$1.00 per bus.; bbl. sack \$1.75.

**Charcoal, Ground.** Coarse or fine. 5 lbs. 30c.; \$1.00 per 25 lbs.; 100 lbs. \$3.25.

**Leaf-Mould (Jersey Peat).** Pk. 45c.; \$1.50 per bus.; bbl. \$2.75.

**Mouse Seed.** For destroying mice. Pkg. 25c.

**Pearl Chips.** For bulb-bowls, aquariums, etc. White and assorted colors. Pkg. 8c.; 45c. per 6 pkts.; 12 pkgs. 85c.; \$1.50 per 25 pkgs.; per 100 pkgs., \$5.50.

White. In bulk. 10 lbs. 70c.; \$1.25 per 25 lbs.; per 100 lbs., \$4.50.

Assorted colors. 10 lbs. 85c.; \$1.75 per 25 lbs.; per 100 lbs., \$6.00.

**Peat, Orchid.** Pk. 40c.; \$1.50 per bus.; bbl. sack \$2.75.

**Peat Moss (Torf Mull).** A great soil improver; used extensively by leading florists for mixing with potting soil, for propagating benches; useful for mulching in the flower garden. Price, small bale, \$1.60; \$3.50 per large bale; 10-bale lots, \$3.25 per bale.

**Peat Moss, Hyper.** A domestic product, similar to the best grades of the imported. Large bales (22 bus.) only, \$4.00.

**Pebbles.** Qt. 8c.; 55c. per pk.; bus. \$2.00; \$4.00 per sack.

**Pruning Compound or Tree Dressing.** Qt. 45c.; \$1.40 per gal.

**Sand.** For propagating. Pk. 35c.; \$1.25 per bus.; bbl. sack \$2.75.

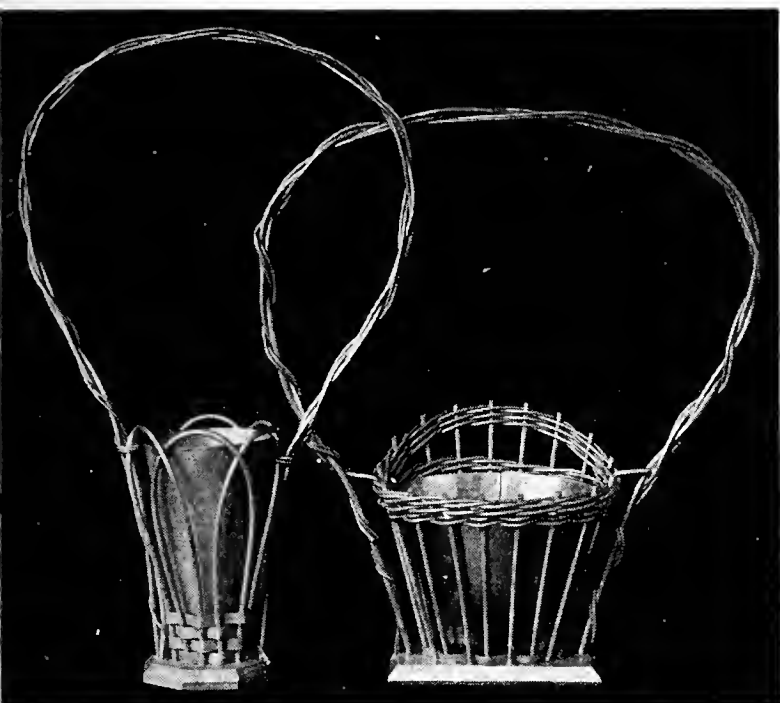
**Shaderine.** 5 lbs. \$1.25; \$2.40 per 10 lbs.

**Weed Killer, Michell's.** Dilute 1 gallon to 40 gallons of water. Qt. 45c.; \$1.25 per gal.; 5 gals. \$6.00; \$27.50 per 30 gals.; 55 gals. \$42.00.

ALL PRICES SUBJECT TO MARKET CHANGES

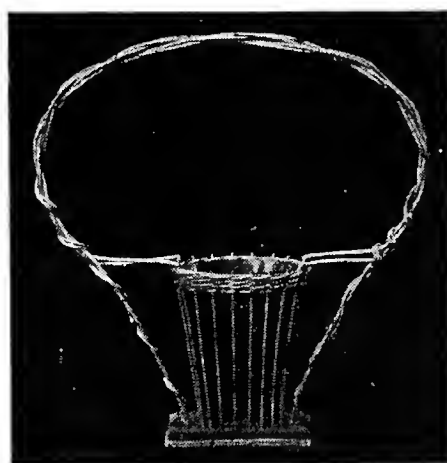


## MICHELL'S FLOWER BASKETS, Gold Star Brand



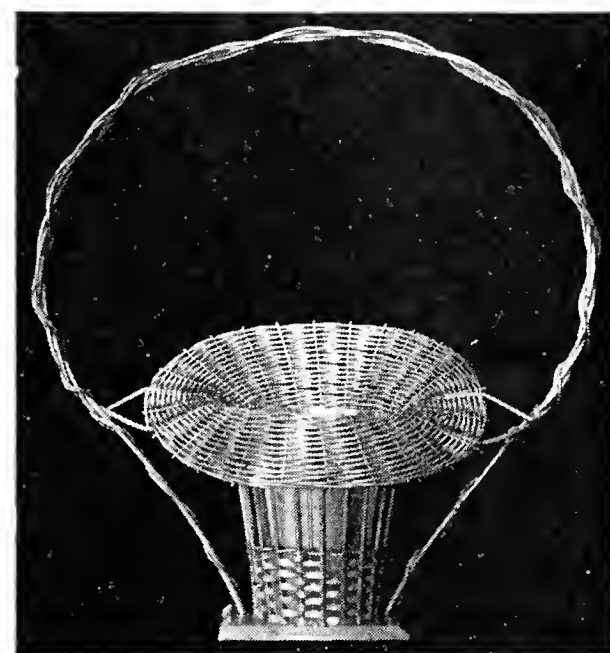
75/1

300



101/2

No. 101/1. 19 in. high; 7½ in. long; 6 in. wide; 8 in. deep. 65c. each; per doz. \$7.50.  
No. 101/2. 24 in. high; 8½ in. long; 6½ in. wide; 10½ in. deep. 80c. each; per doz. \$9.25.  
No. 101/3. 28 in. high; 11 in. long; 8 in. wide; 12 in. deep. \$1.50 each; per doz. \$17.50.



101

### Flower Baskets

	Each	Doz.
No. 175. 43 in. high; 17 in. deep; 8 in. diam.....	\$1 50	\$17 25
No. 302. 26 in. high; 8 in. deep; 7 in. diam.....	75	8 50
No. 222. 28½ in. high; 9½ in. deep; 6 in. diam.....	65	7 50
No. 101. 24 in. high; 7 in. deep; 6 in. diam.....	85	9 50
No. 102. 27 in. high; 9 in. deep; 7 in. diam.....	1 25	13 50
No. 103. 36 in. high; 11 in. deep; 9 in. diam.....	1 70	19 75
No. 142. 24 in. high; 8½ in. deep; 9 in. long.....	65	7 50
No. 252. 32 in. high; 9½ in. deep; 5½ in. diam.....	75	8 50
No. 565. 24 in. high; 13 in. long; 6 in. wide; 7 in. deep..	1 20	14 25
No. 214. 26 in. high; 9 in. deep; 15 in. long.....	1 35	16 00
No. C/1. 18½ in. high; 7½ in. deep; 5½ in. diam.....	60	6 75
No. C/2. 25½ in. high; 10 in. deep; 6½ in. diam.....	75	8 50
No. 248/3. 26 in. high; 10 in. deep; 7½ in. diam.....	80	9 25
No. 942/4. 30 in. high; 11 in. deep; 9½ in. diam.....	1 05	12 00
No. 151/3. 19½ in. high; 7 in. deep; 5 in. diam.....		
\$45.00 per 100..		50
No. 151/1. 14 in. high; 5½ in. deep; 3½ in. diam.....		
\$35.00 per 100..		40
No. 23. 24 in. high; 8 in. deep; 5 in. diam. \$40.00 per 100..		45
No. 901. 30 in. high; 12 in. deep; 7 in. diam.....	90	10 00
No. 2441. 20 in. high; 6 in. deep; 3½ in. diam.....	35	3 90
No. 2. 23 in. high; 7 in. long; 3 in. wide; 9½ in. deep...	60	7 00
No. 876/1. 17 in. high; 12 in. long; 8½ in. wide; 6 in. deep. 1	00	11 50
No. 26. 17½ in. high; 8 in. long; 6 in. wide; 5½ in. deep..	55	6 50
No. 1. 18½ in. high; 10 in. long; 5 in. wide; 7 in. deep..	75	8 75
No. 400/1. 9 in. high; 7½ in. diam.....	55	6 25
No. 400/2. 10½ in. high; 8 in. diam.....	70	8 15
No. 500/1. 9½ in. high; 6 in. diam.....	50	5 75
No. 500/2. 11 in. high; 7 in. diam.....	60	6 75
No. 600/1. 7 in. high; 5 in. diam.....	40	4 75
No. 600/2. 9 in. high; 5½ in. diam.....	45	5 00
No. 121. 18 in. high; 7½ in. deep; 6 in. diam.....	60	6 85
No. 122. 23½ in. high; 9 in. deep; 7 in. diam.....	75	8 50
No. 133/4. 30 in. high; 11 in. deep; 4¼ in. diam.....	95	11 00
No. 133/5. 32 in. high; 13 in. deep; 7 in. diam.....	1 10	12 00
No. 129/3. 26 in. high; 9 in. deep; 6 in. diam.....		
\$60.00 per 100..		65
No. 129/4. 28 in. high; 10½ in. deep; 7 in. diam.....	75	8 50
No. 129/5. 31½ in. high; 12 in. deep; 7 in. diam.....	95	11 00
No. 129/6. 35 in. high; 14 in. deep; 7 in. diam.....	1 05	12 00
No. 158/1. 21 in. high; 6 in. deep; 6 in. diam.....	60	7 00
No. 137/2. 24 in. high; 8½ in. deep; 4 in. diam.....	70	8 00
No. 137/3. 27 in. high; 10½ in. deep; 5 in. diam.....	95	11 00
No. 137/4. 30 in. high; 13 in. deep; 6½ in. diam.....	1 25	13 50
No. 137/5. 34 in. high; 15 in. deep; 7 in. diam.....	1 60	16 75
No. 75/1. 24 in. high; 10 in. deep; 7 in. diam.....	60	6 75
No. 75/2. 27 in. high; 11 in. deep; 8 in. diam.....	70	8 00
No. 75/3. 30 in. high; 12 in. deep; 9 in. diam.....	75	8 50
No. 300. 24 in. high; 11 in. deep; 11 in. diam...	70	8 00

### Pillow Baskets

	Each	Doz.
No. 742/1. 18 in. high; 14 in. long; 5 in. wide; 5 in. deep.	\$1 10	\$12 00
No. 742/2. 18 in. high; 18 in. long; 6 in. wide; 5 in. deep.	1 25	14 50
No. 742/3. 18 in. high; 21 in. long; 6 in. wide; 5 in. deep.	1 50	17 00

### Plant Baskets

	Each	Doz.
No. 908/4. 17 in. high; 5½ in. deep; 7 in. diam.....	\$0 60	\$7 00
No. 908/5. 20 in. high; 6½ in. deep; 8½ in. diam.....	80	9 25
No. 908/6. 21½ in. high; 7 in. deep; 8½ in. diam.....	90	10 25
No. 908/7. 25 in. high; 8 in. deep; 10 in. diam.....	1 00	11 50

### Bulb-Pan Baskets

	Each	Doz.
No. 996/6. 20 in. high; 5½ in. deep; 9½ in. diam.....	\$0 80	\$9 50
No. 996/7. 21½ in. high; 6 in. deep; 10 in. diam.....	1 00	11 25
No. 996/8. 23½ in. high; 6 in. deep; 11½ in. diam.....	1 25	14 00

### Special DeLuxe Assortment No. 1

25 Baskets for \$15.00

This assortment is composed of Cut-Flower Baskets in a variety of colors, some plain and some two-tone. Each Basket complete with liner.

### Special Ludlow Assortment No. 2

21 Baskets for \$10.00

This assortment of Baskets will please the florist who wishes a small collection that will meet every need. Every one has a liner that won't leak. A beautiful range of colors.

### Special Gold Star Assortment No. 3

15 Baskets for \$7.50

An assortment that contains an excellent combination of Plant and Cut-Flower Baskets. Each is complete with liner, and the assortment of colors is the most that could be desired.

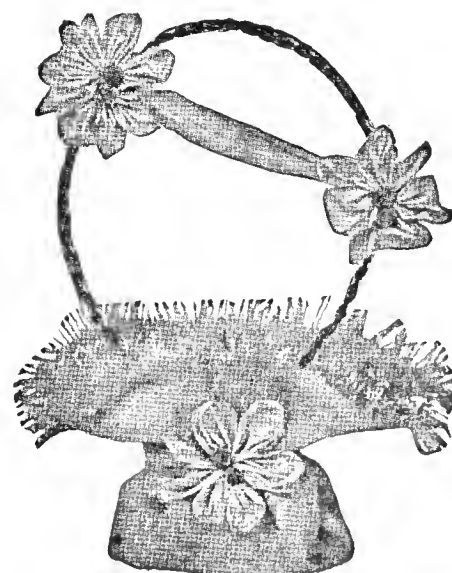
*Our Baskets are fitted  
with watertight  
tin liners*

### Hanson Handy Handle

With Saw-Tooth Grip

Fits any size flange. Colors: Lavender, Pink, Blue, Yellow, Purple, Nile-Green, Red and Green. Price, double wound in reed, \$3.00 per doz.; per 100, \$22.00.

ALL PRICES SUBJECT TO  
MARKET CHANGES



## MICHELL'S NATURAL PREPARED WREATHS



No. 361

No. 361. Made of ruscus and oak leaves, trimmed with cones, poppy heads and holly, and finished in a blue-bronze and autumn effect. Size overall, 22 in. Price, \$4.50 each.

### Oak Wreath

No. 900 XB. Body made of bright brown oak, with cluster of white frosted pine-cones, red thistles, and silver diana grass, with holly berries. This makes a very attractive wreath. 20-inch. Price, \$2.00 each.

### Oak and Pine-Cone Wreath

No. 150. Body made of oak, with cluster of pine-cones sprayed gold-bronze, shaded with red lacquer; cluster contains holly berries, metallic cyeas and white frosted diana grass. Price, \$1.50 each.

### Magnolia Wreath

Body made of brown magnolia leaves trimmed with ruscus, pine-cones, thistles, poinsettias, and holly berries.

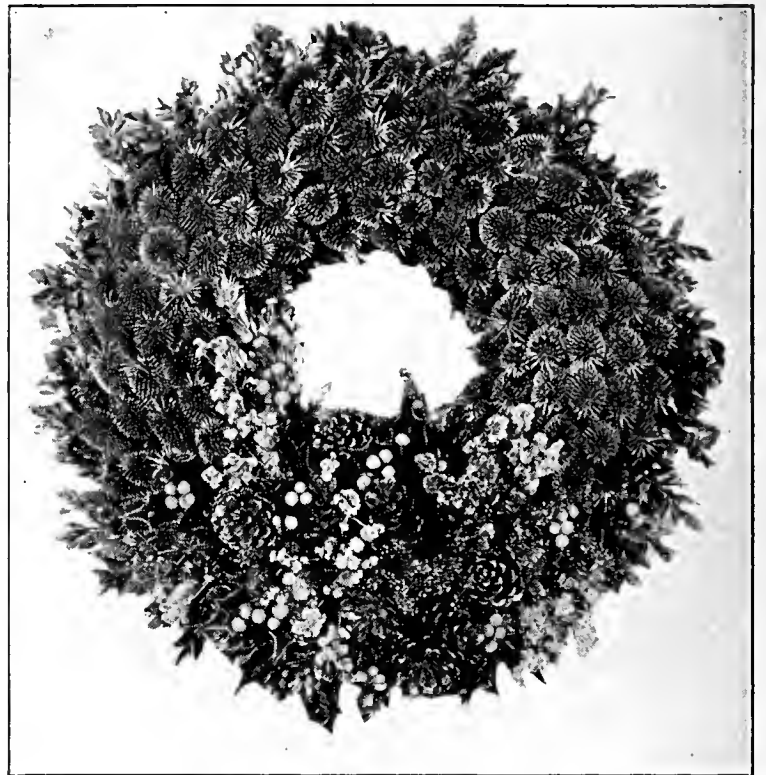
	Each
No. 940. 14-in.	\$0 90
No. 925A. 18-in.	1 10
No. 928A. 20-in.	1 50

### Forest Wreath

No. 272. A dandy forest number which no illustration can adequately picture; overall trim, delicate green and white shadings and red floral tints. Size overall, 22 in. Price, \$5.00 each.

LARGE ASSORTMENT OF OTHER NATURAL  
PREPARED WREATHS AT PRICES RANGING  
FROM 75 cts. TO \$5.00 EACH

All prices subject to market changes



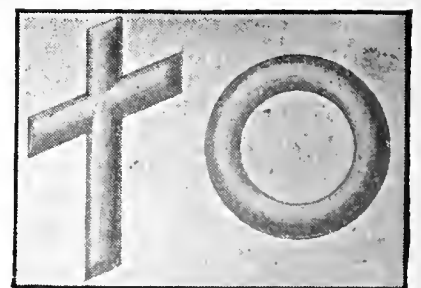
No. 16

No. 16. A beautiful, large, red thistle wreath, edged with ruscus, tinted all over with bronze and with poppy heads and assorted grasses. Size overall, 26 in. Price, \$2.50 each.

There are three other attractive styles in this same price group.



Red Frieze Cross



Cross Form Wreath Form

### Cardboard Cross Forms

	Doz.	100
18 in.	\$2 00	\$12 00
22 in.	3 00	20 00
30 in.	3 50	25 00

### Cardboard Star Forms

	100	1000
4 in.	\$0 85	\$7 00
6 in.	1 10	9 00
7 in.	1 75	16 00
9 in.	2 25	20 00
12 in.	3 50	30 00

### Red Frieze Cross

With attractive spray decoration.

	Each
No. 7. 18 in. high	\$0 75
No. 7 1. 22 in. high	1 10
No. 7 2. 30 in. high	1 75

### Cardboard Wreath Forms

	100	1000		100	1000
3-in. diam.	\$0 50	\$4 50	12-in. diam.	\$3 50	\$32 00
4-in. diam.	80	6 50	14-in. diam.	4 00	36 00
6-in. diam.	1 00	8 50	16-in. diam.	6 50	60 00
8-in. diam.	1 75	15 00	18-in. diam.	8 50	80 00
10-in. diam.	2 50	20 00	20-in. diam.	10 50	95 00

## MICHELL'S FLORISTS' SUPPLIES



### Plain Round Magnolia Wreaths

Made on Mossed Wire

	Each	Doz.
12-in. frame.....	\$0 65	\$7 50
14-in. frame.....	85	8 75
16-in. frame.....	1 00	11 50
18-in. frame.....	1 25	14 00
20-in. frame.....	1 50	17 50
22-in. frame.....	2 15	24 00
24-in. frame.....	2 75	30 00

### Birch Bark

For use in covering window-boxes and for baskets and decorations. Comes in sheets from 1½ to 2 feet in width, about 10 feet long. Weighs from 2 to 4 pounds to the sheet.

1 lb.....	\$0 30	10 lbs.....	\$2 25
5 lbs.....	1 35	100 lbs.....	20 00

### Clock Dials

American-Made

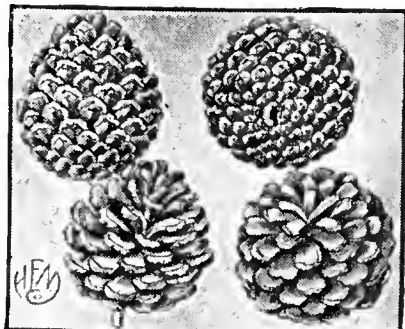
Colors: White and Purple, Purple and White, Pink and White, White and Pink, White and Gold, Purple and Silver, Purple and Gold.

	Each	Doz.
7 in.....	\$0 20	\$2 25



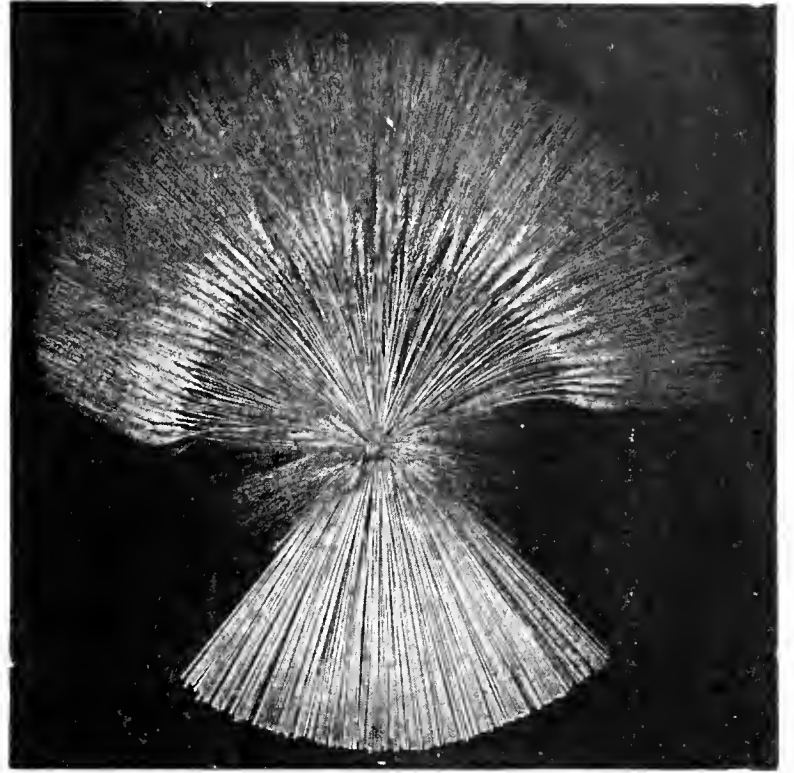
### Pine Cones

Assorted Colors 100 in carton. Small, \$2.00 per 100; Medium, \$3.00 per 100; Large, \$5.00 per 100.



See page 37 for complete line of Flower and Plant Baskets.

ALL PRICES SUBJECT TO MARKET CHANGES



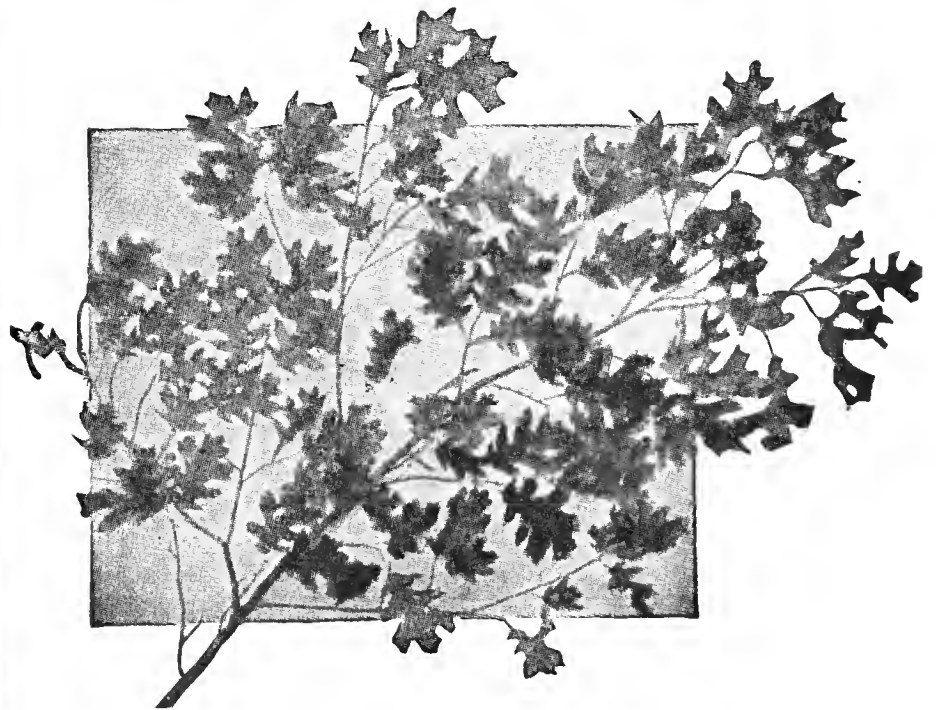
### Wheat Sheaves

Extra-heavy, fluffy stock. Made of selected bleached Italian wheat by expert designers.

	Each	Doz.
No. 1. 15½ in., flat.....	\$0 75	\$7 00
No. 2. 17 in., flat.....	1 25	12 50
No. 3. 19 in., flat.....	1 50	15 00
No. 4. 22 in., flat.....	2 00	20 00
No. 5. 24 in., flat.....	2 50	25 00

### Frieze Roping

This is extensively used for decorating at the Christmas season. Economical yet effective. Fresh, fluffy stock, ¾ inch wide in a wide range of bright colors—Christmas Red, Green, and White. 60 yards per ball. 35c. per ball; per doz. \$3.50; \$25.00 per 100.



### Oak-Leaf Sprays

Natural preserved, long sprays for decorative work. Colors: Red, Brown, and Green. 25 lbs. \$6.00; \$11.00 per 50 lbs.; 100 lbs. \$19.00.

### Carton Oak

Small oak twigs, especially adapted for wreath, wreathing, or basket-work. Colors: Red, Brown, and Green. 5 lbs. \$1.50; \$6.50 per 25 lbs.



MICHELL'S FLORISTS' SUPPLIES, continued



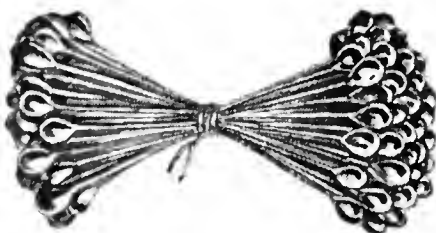
Poinsettias

No. 28. Red, silver or white	Doz.	Gross
midget. 1½ in. diam.....	\$0 15	\$1 25
No. 30. Red or silver midget.		
All heads .....	10	1 00
No. 10/26. Red. 3 in. ....	30	3 00
No. 1050. Red. 7 petals.....		
\$4.00 per 100..	50	



Holly Sprays

No. 100. Celluloid. Red, green, white.	3 leaves and berries ....	Doz.	Gross
		\$0 25	\$2 50
No. 1010. Lacquer. Silver, red, green, green and silver, green and red.	3 leaves and berries...	30	3 25



Holly Berries  
(On Stems)

No. 103	Gross	50	Gross
No. 102	\$0 25	30	\$10 00
			14 00

Artificial Mistletoe

No. 0164. Per gross.	\$1 60
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Adiantum, or Maidenhair Fern

Small.....	100	\$4 00
Medium.....	6 00	
Large.....	7 50	

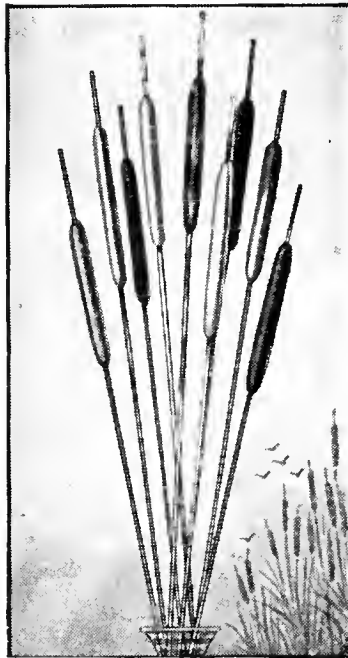
Broken Adiantum. Lb. \$1.75; \$16.50 per 10-lb. carton.

Prepared Asparagus

Natural sprays, chemically treated and preserved.	100	
Small, 15 in. long.....	\$5 00	
Medium, 24 in. long.....	7 00	
Large, 30 to 36 in. long.....	9 00	

Asparagus Tips

Selected quality. Valuable between artificial flowers, bouquets, and wreaths. \$2.25 per lb.



Cattails

Natural.....	100	1000
Tinted. All colors.....	\$1 75	\$15 00
	2 50	



Statice

Natural. Orders for this will be billed at prevailing market prices at time of shipment.  
Colored. Colors: Blue, Green, Pink, Purple, and Lavender. Lb. \$1.00; 5 lbs. at 95c. per lb.; 10 lbs. at 90c. per lb. Special prices on case lots.

Prices on Colored Statice Subject to Market Changes

Gypsophila or Baby's Breath

For basket- or wreath-work. Bunch 75c.; \$8.50 per doz. bunches.

Lycopodium

Prepared and Dyed Green

Lb.....	\$0 35	25 lbs.....	\$5 50
5 lbs.....	1 40	100 lbs.....	18 50
10 lbs.....	2 50		



Ruscus

Green. (Painted.) Lb. 50c.; 10 lbs. at 45c. per lb.; 100 lbs. \$40.00.  
Green. (Dyed.) Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 65c. per lb.; 100 lbs. \$60.00.  
Christmas Red. Lb. 85c.; 10 lbs. at 70c. per lb.; 25 lbs. at 65c. per lb.; 100 lbs. \$60.00.  
Two-toned. Lb. \$1.00; 5 lbs. at 90c. per lb.  
Gold or Silver. Lb. 85c.; 10 lbs. at 80c. per lb.  
Prices on Ruscus Subject to Market Changes Without Notice



Lotus Pods

Two-toned. Very effective for baskets, vases, or wreaths (without stems, 100 to a carton). \$6.50 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES

## MICHELL'S FLORIST SUPPLIES, continued

### Cape Flowers, Natural

About 1000 to a pound

Used considerably in funeral work, taking the place of carnations.

**Natural.** \$1.75 per lb.

**Dyed.** Colors: Red, Green, Pink, Blue, Purple, Orange, and Mixed. \$2.50 per lb.



### Thistles

Plain, tinted, and polychrome. In cartons containing an assortment of these colors. Carton (100) \$2.25; \$16.00 per 1000.



Cycas Leaves

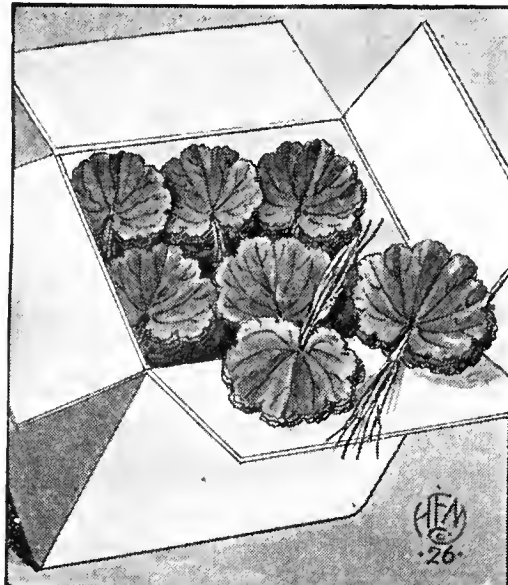
### Cycas Leaves, Green

	10	100
4 to 8-in.	\$0 25	\$2 25
8 to 12-in.	30	2 50
12 to 16-in.	35	2 75
16 to 20-in.	40	3 25
20 to 24-in.	50	3 75
24 to 28-in.	60	4 50
28 to 32-in.	70	5 50
32 to 36-in.	85	6 50
36 to 40-in.	90	7 50
40 to 44-in.	1 00	9 00
44 to 48-in.	1 25	10 00

### Cycas Leaves, Metallic

8 to 12-in.	45	4 00
12 to 16-in.	55	5 00

Prices for larger quantities of Cycas Leaves on application

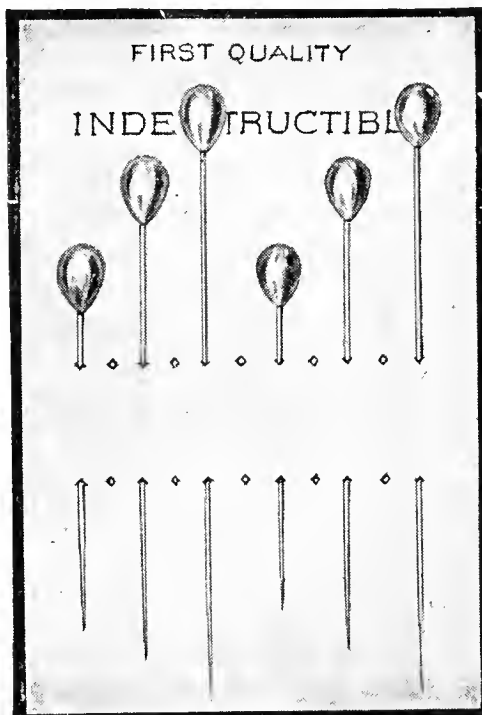


Galax Leaves (Prepared)

### Galax Leaves, Prepared

(2000 in Carton)

	1000	Carton
Green	\$2 00	\$3 50
Brown	2 00	3 50



### Corsage Pins

One gross to a box

Colors: White, Nile, Orchid, Pink.

	Gross
Round head. 2 in.	\$0 75
Pear-shaped head. 2 in.	80
Round head. 2 1/2 in.	80
Pear-shaped head. 2 1/2 in.	85
Cabinets of one gross 2-in. pins assorted, 90c.	
Cabinets of one gross 2 1/2-in. pins assorted, \$1.00	

### Natural Flower Dye

For tinting fresh cut flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package. Price, 50c. per pkg.

### Mitchell's Flower Powder

For dyeing natural flowers by dusting. Colors: Blue, Green, Lavender, Pink, Orange, Red, Yellow, Violet. Price, \$1.00 per 8-oz. jar.

### Areca Palm Leaves, Prepared

New crop of excellent quality.

	Bundle of 25	100
18 to 24-in.	\$2 25	\$8 00
24 to 30-in.	2 50	9 00
30 to 36-in.	3 00	11 00
36 to 42-in.	3 50	13 00



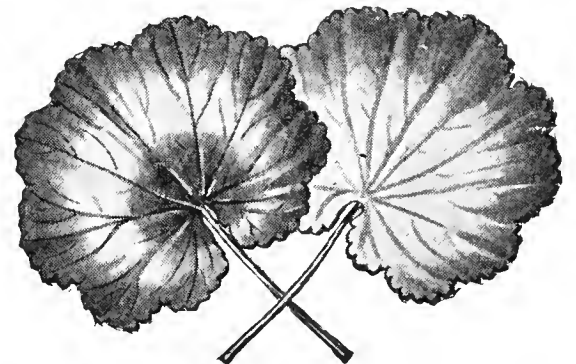
### Magnolia Leaves

**Dux Brand.** Extra-selected grade. We can supply these in green, bronze, or brown and purple, and of extra-fine quality.

Standard cartons	\$1 50
10 cartons	14 00
50-lb. cases	9 50
100-lb. cases	18 00
Red leaves, per carton	2 00

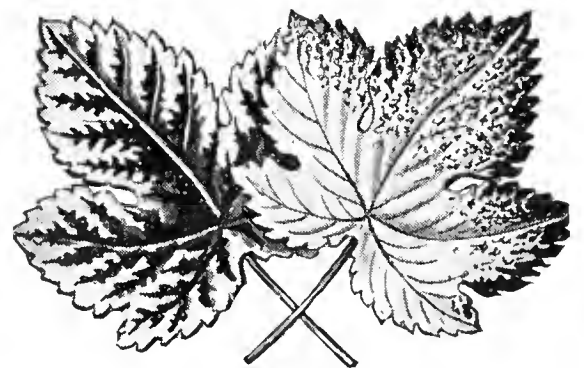
### Artificial Leaves

High-grade leaves for stemming or design work.



### Galax Leaves

	Gross
No. 7027. Brown	\$0 70
No. 7029. Green	70
No. 7055. White	70
No. 7055. Fancy	70



### Maple Leaves

	Gross
No. 5185. Green	\$0 90
No. 5185. White	90
No. 5185. Fancy	90

### Rose Leaves

	Gross
No. 35. Green. Large size	\$1 40
No. 122. Green. Small size	90
No. 35. Shaded. Large size	1 40
No. 122. Shaded. Small size	90
No. 91. Rambler	60

### American Legion Designs

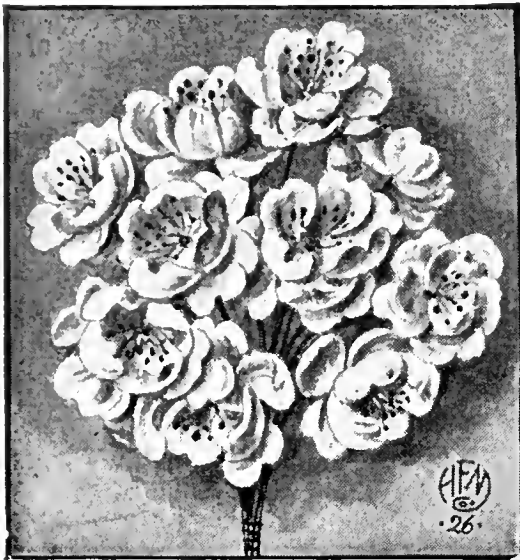
	Doz.
Blue with gold lettering and trimming.	
7 1/2-in.	\$9 00
11 -in.	13 50



## MICHELL'S FLORISTS' SUPPLIES, continued

### Artificial Flowers

Suitable for wreaths and design work; best quality imported and domestic grades.



#### Apple Blossoms

No. 300 \$1.75 per gross

#### Calla Lilies

Celluloid—100 to a box

No. 10. 50c. per doz.; per 100, \$3.50  
No. 11. 40c. per doz.; per 100, \$2.50  
No. 13A. 50c. per doz.; per 100, \$3.50

#### Carnations

50 to a box

No. 800. Celluloid. Colors: Pink, White, Yellow and Pink, White and Pink, Red.  
\$3.50 per 100

#### Cornflowers (Bachelor's Buttons)

No. 389. Blue. \$1.75 per gross

#### Dahlias

No. 7. Lavender, Pink, Purple, Red, White, Yellow.  
\$25.00 per 1000

#### Daisies

No. 361. White, Yellow, Coral. \$1.50 per gross

#### Forget-Me-Nots

No. 4066. Blue. \$1.50 per gross

#### Lily-of-the-Valley

No. 338. White. \$1.10 per gross

#### Orchids

No. 750. Celluloid. Medium size. Colors: Pink, Lavender. 100 to a box. \$4.00 per 100  
No. 57. Celluloid. Large size. Color: Lavender. 50 to a box. \$5.50 per 100

#### Poppy

No. 13802. Celluloid. Color: Red.  
25c. per doz.; per gross, \$2.25

#### Roses

50 to a box

No. 23. Celluloid. Colors: Pink and White, Yellow and Pink, White and Pink, Red.  
\$3.50 per 100  
No. 4. Wax. Pink, White, Red, Ward.  
\$2.50 per 100  
No. 5. Wax. Pink, White, Red, Ward.  
\$3.00 per 100  
No. 6. Wax. Red and White, Ward, White and Pink.  
\$3.00 per 100

### Strawflowers (Helichrysum)

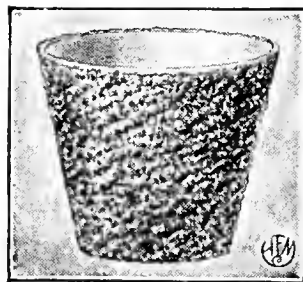
On wired stems. \$1.25 per 100; 500 for \$6.00; \$10.50 per 1000.

### Sweet Peas

No. 295. Celluloid. Colors: Lavender, White, Pink, White and Pink, Yellow and Pink.  
\$1.75 per gross

### Cape Flowers (Paper)

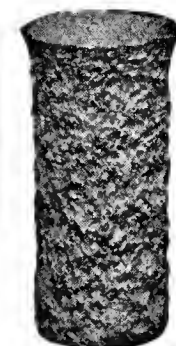
Blue, Lavender, Pink, Red, and White.  
2000 to a box. \$4.75 per 1000.



### Jardiers, New Style

Colors: Green and Lavender.

4 in. for pots. \$1.25 per doz.; per 100, \$8.50.  
6 in. for pots. \$1.75 per doz.; per 100, \$13.50.



Colonial Vase

### Colonial Vase

This Vase has the oxygen feature, breathing air through the sides, keeping the water pure and flowers fresh longer. Ideal for hospitals, homes, displays. Made in rough, antique design. Colors: Green and Ivory.

No. 1. 9 in. high, Doz. 100  
3 in. diam. \$1 75 \$13 50  
No. 2. 12 in. high,  
4 in. diam. 2 75 22 00  
No. 3. 15 in. high,  
6 in. diam. 4 75 37 50



Metolit Vase

### Metolit Flower Vases

Furnished in many attractive designs, with body in assorted colors of old rose, baby blue, ivory, green, gold, etc.; inside and bottom finished in old gold baked enamel.

No. Diam. Depth Doz.  
6 4 in. 7 5/8 in. \$1 75  
10 6 in. 9 3/4 in. 2 50



Galvanized Flower Vase

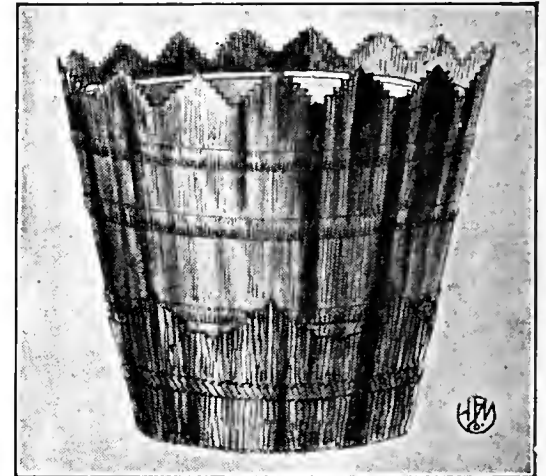
### Flower Vases Galvanized Iron

No.	Top Diam. In.	High In.	Bottom Diam. In.	Each	Doz.
65	7 1/2	8	6 1/2	\$0 65	\$6 75
66	9	10	7 1/2	70	7 50
67	9	11 1/2	7 1/2	75	7 75
68	9	12 1/2	7 1/2	80	8 25
69	9	18	7 1/2	90	9 75
70	9	24	7 1/2	1 10	11 50
253	5	10	3 3/4	50	4 75
254	5 1/2	11	4 1/2	65	6 25
255	6 1/2	12	5 1/2	70	6 75
257	6 1/2	15	4 1/2	75	7 50

### Vacuum Flower Holder

Made of metal, round shape, with square wire-mesh dome. Finished in green bronze, with rubber vacuum cup in bottom, which prevents tilting over when long-stemmed flowers are used. A great seller for the florist.

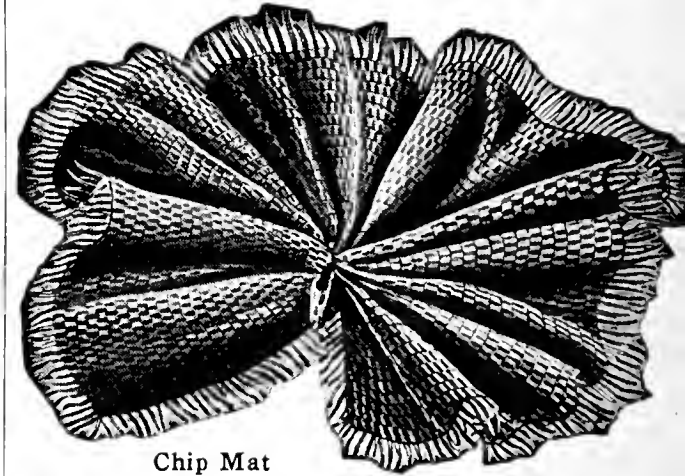
	Each	Doz.
No. 1. Small size	\$0 30	\$3 00
No. 2. Medium size	40	4 00
No. 3. Large size	50	5 00



### Paper Pot-Covers

Made of waterproof crepe paper. Easily adjusted. Colors: Green, Red, Pink, Blue, and Purple.

No.	Size	Each	Doz.
No. 1.	4-in. pot	\$4 25	100
No. 2.	5-in. pot	4 50	
No. 3.	6-in. pot	5 50	
No. 4.	7-in. pot	7 50	
No. 5.	8-in. pot	9 00	



Chip Mat

### Chip Mats for Pot-Covers

Assorted colors, plain, or two-tone colors. 65c per doz.; per 100, \$4.75; \$45.00 per 1000.

Prices subject to market changes



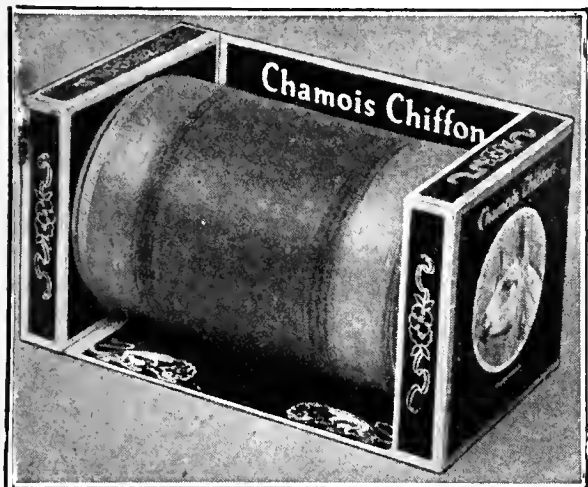
### Crepe Paper Papyrus Brand.

Of domestic manufacture. The best crepe paper on the market. Waterproof, heavy and strong. Why experiment with inferior paper? In moss-green, Nile-green, red, blue, pink, yellow, purple, lavender and white. 45c. per roll; doz. \$4.25; \$30.00 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES



## CHIFFONS, RIBBONS, AND POT-TIES



**Chamois Chiffon**  
Width 150

An exquisitely sheer, dainty fabric 5 inches wide, that ties a graceful bow that will hold its shape. Made in a full range of florists' shades; also a variety of shades with white centers, such as White, Pink, Blue, Nile, Yellow, Ophelia, Orchid, Lavender, Scarlet, Spring Green, Talisman. Each piece put up on a roller rack. Comes 40 yards to bolt. 6c. per yd.; 12-bolt lots, 5½c. per yd.

**Three Striped French Chiffon**  
Pattern 1500

This pattern is made in all colors, in both widths. Bolts average 40 yards long.

	Per piece	12 pieces
4-in.....	\$2.25	\$2.20 per piece
6-in.....	2.75	2.65 per piece

**Chiffon (Lily-of-the-Valley)**  
Pattern 800

Made in all colors. Width, 6 inches. Made in 40-yard pieces only. 8c. per yd.; 12-piece lots, 7½c. per yd.

**Satin Corsage Ribbon**  
Pattern 3207. No. 4

Made in White, Pink, Blue, Yellow, Nile, Ward, Ophelia, Columbia, Lavender, Violet, Orchid, Talisman, Valley Green, Gardenia, Scarlet, and Supreme. This is a very fine quality of Satin Ribbon for corsage work. ¾ inch wide. It has a fine lustre and ties a pretty bow which will hold its shape at all times. Put up in 50-yard pieces. Price, \$1.35; 12-piece lots, \$1.30 per piece.

**Baby Ribbon**  
Pattern 110

For tying cards, etc. ¼ inch wide. Colors: White, Pink, Lavender, Blue, Green, and Red. 50-yard bolts. Price, 75c.

**Christmas Red Ribbon No. 40**  
Pattern 3212

A very fine grade of satin ribbon, in a beautiful Christmas red shade; especially adapted for all floral pieces, baskets and plants, where something exceptionally good is desired. Put up in 10-yard bolts.

No.	Width	Bolt	12-bolt lots
30.	3-in.	\$1.00	90c. per bolt
80.	4-in.	1.25	\$1.15 per bolt
120.	5-in.	1.50	1.40 per bolt

### Satin Ribbon

Pattern 3212. No. 120

A really exquisite quality of satin ribbon, 5 inches wide. The grade is fine enough to be used for wedding work; the price is low enough to permit it to be used on general work. Made in a complete color line. Price, 10-yd. bolts \$1.25; 12-bolt lots at \$1.20 per bolt.

### Rayon Taffeta

Pattern 2063

A superior quality fit for the best work. Colors: White, Pink, Lavender, Violet, Purple, Pernet, Nile, Blue, Scarlet, Gray, Premier, Ward, Bermuda, Laurel, Autumn, Hyacinth, Hortenda, and Goldye. Put up in 40-yard pieces. \$2.50 per piece; 12-piece lots, \$2.40 per piece.

**Satinej**  
Width 150

This is a very fine quality metalline, with a satin edge ½ inch wide. It has a beautiful lustre and is finished to make a bow which will hold its shape. The newest creation in metallines and especially adaptable for sprays and baskets because of its being waterproof. Colors the same as Taffeta. Width, 5 inches. Put up in 40-yard pieces. 5c. per yd.; 12-piece lots, 4½c. per yd.



Picot-Edge Shower Ribbon

**Picot-Edge Shower Ribbon**  
Pattern 3013

A dainty Shower Ribbon ½ inch wide, with picot edges; delicate yet firm. Colors: White, Pink, Lavender, Blue, Nile, and Ward. Put up in 50-yard bolts. Price, 70c.; 12-bolt lots, 65c. per bolt.

### Metalline

Pattern 2078. Width 150

A new satin-striped Metalline with finely woven center and attractive for spray work. Colors: White, Pink, Lavender, Picardy, Ophelia, Nile, Spring Green, Yellow, Premier, Fuchsia, Blue, Orchid, Purple, and Talisman. 4 yards to piece. Per piece, \$1.10; 12-piece lots, \$1.05 per piece.

### Metalline

Pattern 2068. Width 150

This pattern is an unusually high-grade striped Metalline, 5 inches wide, furnished in most of the popular colors with a very attractive border, and can be used on the finest grade of work. At the attractive price listed below, it is an exceptional value. We recommend it most highly. Full width, 40-yd. bolt, \$1.00 per bolt; 12-bolt lots, 95c. per bolt.

### Metalline

Pattern 2081. Width 150

Very latest in Metalline Ribbons, 5 inches wide, with 2-inch rayon stripe running through the center. Can be used in the most exclusive kind of work and is manufactured in the following colors: White, Pink, Blue, Yellow, Nile, Lavender, Violet, Purple, Ward, Gray, Moss, and Premier. It is a real bargain at the following price. 40-yd. piece, \$1.65; 12-piece lots, \$1.60 per piece.

### Pot-Ties

**Triple-Tone Pot-Tie**  
No. 5

This could be called a silk ribbon with tinsel stripes, shading from light to dark shades of the same colors, and is very popular for basket plants or even for corsage work. ¾ inch wide. Price, 50-yd. bolt, \$1.00; 12-bolt lots at 95c. per bolt.

**Tie-It (Pot-Tie)**  
No. 5

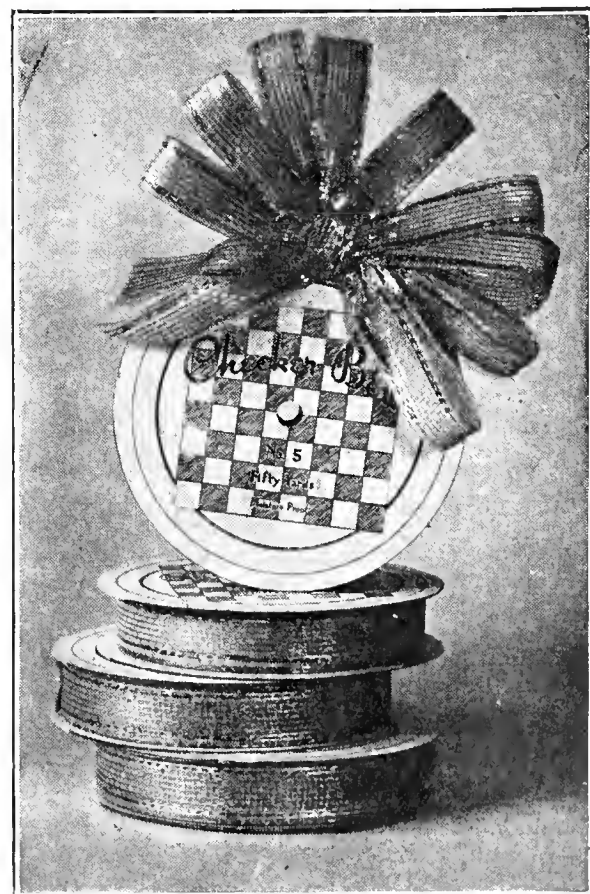
We consider this new pattern one of the best ribbons on the market for tying Chip mats on pots. At the attractive price at which it is offered it presents to all florists an unusual value, and we can recommend it very highly. ¾ inch wide. It comes in all popular colors. Price, 50-yd. piece, 55c.; \$6.00 per 12 pieces.

### Silk Fibre

Pattern 3196. No. 5

The finest quality pure Silk Fibre Ribbon. ¾ inch wide. Can be used effectively for hours on baskets or plants. Colors: Red, Moss Green, Lavender, Pink, Purple, White, Yellow, and Blue. Put up in 50-yard bolts. Price, 75c.; 12-piece lots, 70c. per bolt.

See page 37 for Flower Baskets



Tie-It (Pot-Tie)

MICHELL'S FLORISTS' SUPPLIES, continued

Script Letters

Either in Gold or Purple

30c. per 10; per 100, \$2.50; \$20.00 per 1000

Ten words to each package and not less can be supplied.

Father	My	Beloved
Mother	Asleep	Family
Brother	Baby	Classmate
Sister	Sleeping	Good Luck
Husband	Cousin	Grandmother
Aunt	Playmate	Grandfather
Uncle	Peace	Sympathy
Comrade	Niece	Too Soon
Nephew	Daughter	Welcome
At Rest	Darling	Friend
Son	Dear	Home
Our	Success	Wife



Michell's Wire Designs

OUR WIRE DESIGNS ARE CAREFULLY AND SUBSTANTIALLY MADE

When ordering please state Number and Size

Letters for Design Work

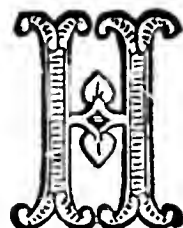


No. 1

No. 1. 1 1/4-in. Gold only. 50c. per 100; per 1000, \$3.00. Also numerals at the same price.



No. 6



No. 4

No. 6. Gold only. 40c. per 100; per 1000, \$2.50.  
No. 4. 3/4-in. Gold only. 40c. per 100; per 1000, \$2.75. Also numerals at the same price.

BOOKS FOR THE FLORIST

Commercial Flower Forcing

The fundamentals and their practical application to the culture of greenhouse crops. By Alex Laurie and C. C. Chadwick. 519 pages. Price, \$4.00.

New Album of Floral Designs

138 designs, all but 4 being 1 design to a page. List of flowers in season. Each design is numbered and a descriptive list inserted in book gives a description and range of price. By Robert Kift. 148 pages, 7 1/2 x 9 1/2. Price, cloth, \$1.00.

Chrysanthemum Culture (White)...	\$2 00
Commercial Floriculture (Bahr)...	5 50
Greenhouse Construction (Wright)...	2 00
Handbook of Plants (Henderson)...	3 50

ALL PRICES SUBJECT TO MARKET CHANGES

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold

Anchors (Flat). No. 1

Each	Each
10-in.....\$0 25	20-in.....\$0 50
12-in.....30	22-in.....55
14-in.....35	24-in.....65
16-in.....40	30-in.....1 05
18-in.....45	36-in.....1 35

ANCHOR and CROSS STANDING. No. 14

Measure not including base

Each	Each
12-in.....\$0 50	21-in.....\$0 85
15-in.....60	24-in.....1 00
18-in.....70	

Broken Column. No. 41

Each	Each
12-in.....\$0 60	30-in.....\$1 50
15-in.....65	33-in.....1 75
18-in.....75	36-in.....2 00
21-in.....90	39-in.....2 25
24-in.....1 00	42-in.....2 50
27-in.....1 25	

Crosses (Flat). No. 74

Each	Each
10-in.....\$0 14	24-in.....\$0 26
12-in.....14	26-in.....28
14-in.....16	28-in.....30
16-in.....18	30-in.....35
18-in.....20	32-in.....40
20-in.....22	34-in.....45
22-in.....24	

Easels. No. 52

Each	Doz.
18-in.....\$0 10	\$1 10
21-in.....15	1 40
24-in.....20	1 75
27-in.....25	2 00
30-in.....30	2 25
36-in.....35	2 75

Hearts (Open)

Each	Each
8-in.....\$0 20	18-in.....\$0 45
10-in.....25	20-in.....50
12-in.....30	22-in.....55
14-in.....35	24-in.....60
16-in.....40	

Pillows (Closed Top, Flat). No. 169

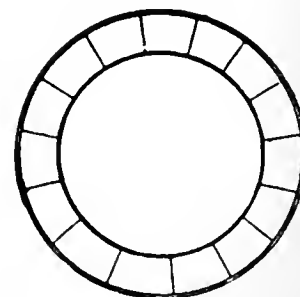
Each	Each
10-in.....\$0 20	20-in.....\$0 50
12-in.....25	22-in.....60
14-in.....30	24-in.....80
16-in.....35	26-in.....1 00
18-in.....45	28-in.....1 20

Pillows (Open Top). No. 170

Each	Each
10-in.....\$0 23	20-in.....\$0 40
12-in.....25	22-in.....45
14-in.....28	24-in.....50
16-in.....31	27-in.....65
18-in.....35	30-in.....90

American Casket Plaques

Each	Each
12-in.....\$0 35	36-in.....\$0 80
18-in.....40	42-in.....90
24-in.....45	48-in.....1 00
30-in.....50	60-in.....1 50



Wreaths. No. 220

Each	Doz.	100
10-in.....\$0 10	\$0 85	\$5 00
12-in.....12	1 10	6 00
14-in.....15	1 25	7 50
16-in.....20	1 75	9 00
18-in.....30	2 25	12 00
20-in.....35	2 40	13 50
22-in.....40	3 00	17 00
24-in.....45	3 25	20 00

Standing Wreaths on Stand. No. 226

Each	Each
8-in.....\$0 35	14-in.....\$0 60
9-in.....40	16-in.....70
10-in.....45	18-in.....80
12-in.....50	20-in.....90

WE CAN ALSO SUPPLY ALL OTHER STYLES IN WIRE DESIGNS

# MICHELL'S FLOWER POTS, TUBS, ETC.

Fern Dish Liner    Earthen Fern Pan



Cedar Tub

Keystone Tub

Earthen Flower Pot

Azalea Pot

Earthen Bulb Pan

Earthenware Saucer

Krick's Pot Hanger

Eureka Pot Hanger

## Cedar Tubs

Equipped with strong iron hoops

These are made by hand of the very best white cedar, painted green. All measurements are inside. Top Diam. Depth Each

No.	Top Diam.	Depth	Each
No. 0	24 3/4 in.	24 in.	\$11 00
No. 1	23 3/8 in.	22 in.	10 00
No. 2	21 in.	20 in.	9 00
No. 3	18 1/2 in.	18 in.	8 00
No. 4	16 1/2 in.	16 in.	6 75
No. 5	14 1/8 in.	14 in.	6 00
No. 6	12 1/8 in.	12 in.	5 00
No. 7	11 3/4 in.	10 in.	4 25
No. 8	10 1/2 in.	9 1/2 in.	3 75

## Michell's Keystone Tubs

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
No. 1	6 in.	6 in.	\$0 60	\$6 00	\$45 00
No. 2	7 in.	7 in.	65	6 50	46 50
No. 3	8 in.	8 in.	70	7 00	48 00
No. 4	9 in.	9 in.	75	7 50	49 50
No. 5	10 in.	9 in.	80	8 00	60 00
No. 6	11 in.	10 in.	95	9 50	72 00
No. 7	12 in.	11 in.	1 10	11 00	87 00
No. 8	13 in.	12 in.	1 40	16 00	100 00
No. 9	14 in.	13 in.	1 60	17 00	
No. 10	15 in.	14 in.	1 75	19 00	
No. 11	16 in.	15 in.	1 90	22 00	
No. 12	17 in.	16 in.	2 25	23 50	
No. 13	18 in.	17 in.	2 50	28 00	
No. 14	19 in.	18 in.	3 00	34 00	

## Keystone Fern Tubs

No.	Inside Top Diam.	Inside Bottom Diam.	Inside Depth	Each
No. 1	8 in.	6 in.	5 1/2 in.	\$0 30
No. 2	9 in.	7 in.	5 1/2 in.	40
No. 3	9 in.	7 in.	6 1/2 in.	45
No. 4	10 in.	8 in.	5 1/2 in.	45
No. 5	10 in.	8 in.	6 1/2 in.	50

## Evergreen Tubs

A low-priced Tub, durable and handsomely finished with two coats of dark green oil-paint.

No.	Top diam.	Depth	Doz.
No. A	7 3/4 in.	5 1/2 in.	\$2 40
No. B	9 in.	6 1/2 in.	3 00
No. C	10 3/4 in.	8 in.	5 75
No. D	10 in.	5 1/2 in.	3 00
No. E	10 in.	6 1/2 in.	3 10
No. K	11 in.	6 1/2 in.	3 50
No. J	12 in.	5 1/2 in.	3 50
No. F	13 in.	6 in.	4 00

## Azalea Pots

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0 65	\$4 35	\$34 00
6 in.	5 in.	95	6 50	51 00
7 in.	6 in.	1 65	10 80	85 05
8 in.	7 in.	2 35	15 60	122 85

## Earthen Bulb Pans

Diam.	Doz.	100	1000
6 in.	\$0 95	\$6 50	\$51 00
7 in.	1 65	10 80	85 05
8 in.	2 35	15 60	122 85
9 in.	3 50	18 90	
10 in.	5 00	25 55	
12 in.	9 50	52 00	
14 in.	16 00	85 05	

## Earthen Fern Pans

Width	Height	Each	Doz.	100
4 in.	1 7/8 in.	\$0 05	\$0 50	\$3 80
4 3/4 in.	2 1/8 in.	08	75	5 05
5 1/2 in.	2 1/4 in.	10	85	6 30
6 1/4 in.	2 1/2 in.	12	1 00	7 60
7 in.	2 5/8 in.	15	1 20	8 85
8 in.	3 1/8 in.	18	1 65	12 60
9 in.	3 1/4 in.	20	2 00	15 15

## Fern-Dish Liners

Width	Depth	Each	Doz.	100
7 in.	1 7/8 in.	\$0 15	\$1 56	\$8 51

## Earthen Flower Pots

Width Inside	Doz.	100	1000
1 in.	\$0 15	\$1 00	\$7 55
2 in.	15	1 05	7 55
2 1/4 in.	20	1 10	8 05
2 1/2 in.	25	1 20	9 45
3 in.	30	1 55	12 30
3 1/2 in.	35	1 95	15 15
4 in.	40	2 40	18 90
4 1/2 in.	50	3 25	25 55
5 in.	65	4 35	34 00
5 1/2 in.	85	5 40	42 55
6 in.	95	6 50	51 00
7 in.	1 65	10 80	85 05
8 in.	2 35	15 60	122 85
9 in.	3 50	18 90	
10 in.	5 00	25 55	
12 in.	9 50	52 00	
14 in.	16 00	85 05	

## Neponset Paper Pots Green. For Growing

This new development makes it possible to take advantage of the economy, ease, and convenience of Paper Pots for the full growing period of young plants without any damaging or retarding of root-growth. The special waterproofing treatment of these Pots seems to encourage healthy growth; not necessary to use clay pots.

Size	Weight per 1000	Price per 1000
2 in.	14 lbs.	\$5 00
2 1/4 in.	16 lbs.	5 70
2 1/2 in.	22 lbs.	5 75
3 in.	28 lbs.	7 00
3 1/2 in.	39 lbs.	9 00
4 in.	52 lbs.	10 50
5 in.	88 lbs.	14 75
6 in.	124 lbs.	19 75

Special prices will be quoted f.o.b. factory.

## Red Paper Pots

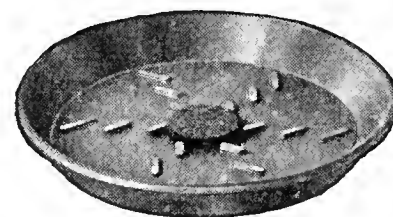
Diam.	Weight per 1000	100	P.Post	1000
2 in.	10 lbs.	\$0 40	\$0 50	\$2 50
2 1/4 in.	12 lbs.	45	55	2 60
2 1/2 in.	16 lbs.	50	60	2 70
3 in.	24 lbs.	65	80	3 30
3 1/2 in.	34 lbs.	85	1 00	4 25
*4 in.	46 lbs.	1 00	1 20	5 25
*5 in.	74 lbs.	1 25	1 45	7 50
*6 in.	102 lbs.	1 50	1 75	9 50

Sizes marked \* are packed 500 to a crate, other sizes, 1000.

Special prices will be quoted f.o.b. factory.

## Earthenware Saucers

Diam.	Doz.	100	Diam.	Doz.	100
4 in.	\$0 25	\$1 45	9 in.	\$1 30	\$7 90
5 in.	35	1 90	10 in.	1 75	12 60
6 in.	50	2 85	12 in.	2 75	18 90
7 in.	70	4 30	14 in.	4 00	25 20
8 in.	1 00	6 00			



## Rubber Saucers

Durable and waterproof. Unbreakable. Protects surfaces from dampness, scratches, and ring-marks. Preserves pottery. Colors: red or green.

Size	Each	Doz.
5 1/8-in., takes up to a 6-in. pot.	\$0 20	\$2 00
7 5/8-in., takes up to a 8-in. pot.	30	3 00
10 3/8-in., takes up to a 12 in. pot.	50	5 50
12 1/4-in., for fern and palm tubs.	80	8 00

## Wood Fibre Saucers

Outside Diam.	Each	P.Post	Doz.
6 in.	\$0 50	\$0 60	\$5 50
7 in.	60	70	6 50
8 1/2 in.	70	80	7 75
10 in.	80	90	8 25
11 3/4 in.	85	95	9 75
14 1/4 in.	1 20	1 35	13 75
16 in.	1 55	1 70	18 00
17 1/2 in.	1 75	1 90	20 50

## Pot Hangers

Krick's No.	Each	Doz.	P.Post	Gross
Krick's No. 1, 3 to 5-in. pots.	\$0 06	\$0 55	\$0 65	\$4 75
Krick's No. 2, 6 and 7-in. pots.	07	65	75	5 00
Krick's No. 3, 8 to 10-in. pots.	08	75	85	5 50

Eureka. For all sizes of pots. Made of galvanized wire. 15c. each; per doz., \$1.15 (by Parcel Post, \$1.25); \$9.00 per 100.



# Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

**Agri-Pax.** A contact insecticide which controls rose-bugs as well as soft-bodied insects. Can be used on currants, asparagus, lettuce, celery, etc. Qt. \$1.00; \$3.00 per gal.; 5 gals. \$12.00.

**ANTROL.** Complete control system of combating ants. Sets containing 4 containers and one 4-oz. bottle of syrup, 75c.; Antrol, extra containers, 10c. each. Antrol Syrup, 4-oz. bottle, 35c.; 85c. per pt. Antrol ready filled sets, consisting of 4 containers, 40c.

**Antrol Ant and Roach Powder.** An improved, fast-killing powder for the extermination of ants and roaches. Pkg. of 1 $\frac{3}{4}$  oz. in shaker twist-top can, 15c.; 35c. per 3 ozs.; 5 lbs. \$4.50.

**Antrol Traps.** Kills both grease- and sweet-eating ants. 15c. each.

**Aphine.** For destroying aphids, green fly, thrips, red spider and other greenhouse and outdoor insects. It dilutes readily in water, about 1 part to 40 of the latter 1 $\frac{1}{2}$ pt. 40c.; 65c. per pt.; qt. \$1.00; \$3.00 per gal.

**Aphis Punk.** Used for fumigating. (For use in greenhouses only.) For controlling green and black fly and many other forms of insects. Pkg. of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.

**Arsenate of Calcium.** Used for spraying potatoes, cotton, tobacco, etc., against chewing and leaf-eating insects. One pound makes 40 to 50 gallons. Lb. 35c.; 80c. per 4-lb. bag; 24 lbs. \$3.75.

**Arsenate of Lead, Powdered.** One to 1 $\frac{1}{2}$  pounds dilutes to 50 gallons of water, or may be used dry, like Paris Green. 1 $\frac{1}{2}$ lb. 20c.; 35c. per lb.; 4 lbs. 90c.; \$4.50 per 24 lbs.; 96 lbs. \$15.50.

**Black-Leaf 40.** Full directions on each package. 1-oz. bottle 35c.; \$1.00 per 5 ozs.; lb. \$2.25; \$3.25 per 2 lbs.; 5 lbs. \$5.85; \$10.60 per 10 lbs.; 50-lb. drum \$40.00.

**Bordeaux Mixture, Powder.** A 12 per cent copper mixture for spraying purposes. 1 $\frac{1}{2}$ lb. 20c.; 35c. per lb.; 5 lbs. \$1.40; \$8.50 per 48 lbs.; 96 lbs. \$16.00.

**Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Gal. \$1.85; \$7.75 per 5 gals.

**Ceresan (DuBay).** 2 per cent. For treating the seed of small grains, such as barley, oats, other cereals, narcissus and cotton. Two to 3 ounces are required for one bushel of seed. Lb. 70c.; \$3.00 per 5 lbs.; 25 lbs. \$12.75; \$47.60 per 100 lbs.

**Ceresan, New Improved (DuBay).** For wheat. Lb. 70c.; \$3.00 per 5 lbs.; 25 lbs. \$12.75.

**Copper Solution.** Excellent spray for carnation and snapdragon rust and disease of the grape, pear, apple and other fruits; also for leaf-blight and mildew. It is diluted in water. Qt. \$1.25; \$3.50 per gal.

**Cuprocide (Red Copper Oxide).** An excellent material for the treatment of seeds before sowing, to prevent the fungous disease known as damping-off. 4 ozs. 35c.; 90c. per lb.; 5 lbs. \$4.00; \$12.00 per 20 lbs.; 50 lbs. \$25.00; \$96.25 per 250 lbs.

**Cyanegg.** For generating hydrocyanic acid gas. Claimed to be the best remedy for killing the white fly. Do not use on sweet peas, as it destroys them. Lb. 50c.; \$2.25 per 5 lbs.

**CYANOGAS (Calcium Cyanide). G. Fumigant.** A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. 5 lbs. \$3.00; \$10.00 per 25 lbs.; 100 lbs. \$25.00.

**CYANOGAS (Calcium Cyanide). A. Dust.** For killing rats, moles, woodchucks and other rodents. 1 $\frac{1}{2}$ lb. 45c.; 75c. per lb.; 5 lbs. \$3.00.

**DERRISOL.** For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. 1-oz. bottle 35c.; \$1.20 per 1 $\frac{1}{2}$ lb. bottle; 1-lb. can \$2.10; \$3.00 per 2-lb. can; 10-lb. can \$12.00.

**Dutox.** A non-arsenical control for beetles and leaf-eating insects. Lb. 35c.; \$1.40 per 6 lbs.

**Filmfast.** A superior Spreader which should be added to all spray mixtures except oil sprays. Spreads the spray material evenly over the surface, giving a better protection with the use of less material. In addition, it carries spray material better suspended in water, making easier operation of pumps and nozzles. Filmfast should be added at the rate of 3 pounds to each 100 gallons of spray solution. It contains no lime, so it can be used with Arsenate of Lead alone without danger of injury. 25 lbs. \$4.00; \$13.50 per 100 lbs.

**Fish-Oil Soap.** An excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or, in fact, most any kind of insect. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.25; \$10.00 per 100 lbs.

**Fish-Oil Soap, Good's Caustic.** This comes in a soft soap form and is easily dissolved. One pound to 10 gallons water. Lb. 30c.; \$1.25 per 5 lbs.; 10 lbs. \$2.25; \$3.75 per 25 lbs.; 50 lbs. \$6.25; \$10.00 per 100 lbs.

**Fish-Oil Soap (Rosin).** Especially recommended for the destruction of boxwood maggot, bagworm, and caterpillars. 5 lbs. \$1.50; \$2.75 per 10 lbs.; 25 lbs. \$4.50; \$7.50 per 50 lbs.

**Formacide.** A stabilized formaldehyde dust, triple-strength seed- and soil-disinfectant, used as a control of damping-off. 1 $\frac{1}{2}$ lb. 40c.; 65c. per lb.; 5 lbs. \$1.75; \$5.00 per 25 lbs.; 50 lbs. \$8.00; \$15.00 per 100 lbs.

**FumeTobac. For burning.** A high-nicotine-content tobacco dust for greenhouse fumigation. 25 lbs. \$4.50; \$8.00 per 50 lbs.; 100 lbs. \$15.00, f.o.b. Philadelphia. 25 lbs. \$4.25; \$7.50 per 50 lbs.; 100 lbs. \$14.00, f.o.b. factory.

**FUNGTROGEN.** A highly concentrated form of fungicide that will conquer mildew and control black-spot on roses. Dilute 1 part with 60 parts water. 1 $\frac{1}{2}$ pt. 70c.; \$1.15 per pt.; qt. \$1.80; \$3.25 per 1 $\frac{1}{2}$ gal.; gal. \$5.50.

**Grape and Rose Dust.** A powder preparation used for mildew, aphids, black fly, and other insects, also for fungous diseases, principally in greenhouses. Lb. 30c.; \$1.00 per 5 lbs.; 25 lbs. \$4.75; \$17.00 per 100 lbs.

**Hellebore.** An ideal material for destroying rose-bugs, currant worms and other soft-shelled insects that infest the garden. 1 $\frac{1}{2}$ lb. 25c.; 45c. per lb.; 5 lbs. \$2.00.

**INSECTROGEN.** A complete spray for leaf-chewing insects, including caterpillars, rose-slug worms and Japanese beetles; also for black-spot, mildew and red spider. 4 ozs. 55c.; 90c. per 1 $\frac{1}{2}$ pt.; pt. \$1.60; \$2.50 per qt.; 1 $\frac{1}{2}$ gal. \$4.25; \$7.00 per gal.

**Kerosene Emulsion, Liquid. Miscible Oil.** Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Pt. 40c.; 65c. per qt.; gal. \$1.60; \$5.00 per 5 gals.

**K. R. O.** Kills rats only. Not a poison. Not injurious to humans, live stock, dogs, cats or poultry. 2-oz. can, 75c.

**Lemon-Oil Insecticide.** Effectually destroys mealy bug, scale, thrips and red spider. 1 $\frac{1}{2}$ pt. 30c.; 45c. per pt.; qt. 75c.; \$1.30 per 1 $\frac{1}{2}$ gal.; gal. \$2.35; \$9.50 per 5-gal. keg.

**Lethane 440.** A complete all-round spray, effective against practically all sucking insects and their eggs. 2 ozs. 35c.; \$1.00 per 6 ozs.; qt. \$2.75; \$7.00 per gal.

**Lime-Sulphur, Liquid.** For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf-curl of peaches. Qt. 40c.; 95c. per gal.; 5 gals. \$3.75; \$9.50 per 1 $\frac{1}{2}$ bbl. (30 gals.); bbl. (50 gals.) \$13.00.

**Lime-Sulphur, Dry Powder Form.** Instantly soluble in either cold or hot water. Dilute 1 pound to 6 gallons water. Does not separate; keeps indefinitely. Lb. 35c.; \$1.60 per 5 lbs.; 25 lbs. \$4.25; \$14.00 per 100 lbs.

**Loro.** A new contact insecticide for use on flowers, vegetables, shrubs, trees, and other ornamentals. Effective on aphids (plant-lice, black and green fly), thrips, midge, red spider, mealy bug, lace fly, white fly, and leaf-hopper. Pt. \$2.00; \$10.50 per gal.; 5 gals. \$45.00.

**Multicide.** An efficient pyrethrum-base insecticide made exclusively for commercial growers. Ideal for use on flowers, fruits, and vegetables. Qt. \$2.60; \$9.90 per gal.; 5 gals. \$44.50; \$86.00 per 10 gals.

**Naphtha Flakes.** For cleaning the soil. Will control thrips, sow-bugs, and other earth vermin. Lb. 15c.; 10 lbs. \$1.40; \$3.25 per 25 lbs.; 50 lbs. \$6.00; \$11.00 per 100 lbs.

**Naptoside.** A fumigant-insecticide that kills thrips, millepedes, sow-bugs, etc., in greenhouse; also gladiolus thrips outdoors. Lb. 30c.; \$1.15 per 5 lbs.; 25 lbs. \$3.75; \$6.85 per 50 lbs.; 100 lbs. \$12.50; \$57.00 per 500 lbs.

**Nico-Fume, Liquid.** A modern insecticide for vaporizing and spraying. \$2.25 per lb.; 4 lbs. \$5.75; \$10.00 per 8 lbs.; 40 lbs. \$40.00.

**Nico-Fume Paper.** For fumigating greenhouses, conservatories, etc. Box of 24 sheets \$1.30; \$4.50 for 144 sheets; 288 sheets \$8.00.

**Nico-Fume Fumigating Powder.** A 12 $\frac{1}{2}$  per cent nicotine fumigator for greenhouse use. Complete with directions in each can. 1-lb. tin \$1.00; \$3.35 per 5-lb. size.; 10-lb. size \$5.85.

**Nico-Fume Powder Pressure Fumigator.** Nico-Fume Powder is supplied in a special tin in which the powder is burned under pressure, producing finely divided fumes that quickly fill the house. 1 $\frac{1}{2}$ lb. size 45c. each; 6 for \$2.40; case lots of 1 doz. \$4.20. Lb. size 75c. each; 6 for \$3.75; case lots of 1 doz. \$7.00.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's Insect Destroyers, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

**Nikoteen.** 30 per cent solution. One of the very best forms of tobacco or nicotine preparations. 1-oz. bottle 25c.; \$2.50 per doz.; 2-oz. bottle 40c.; \$1.10 per 1/2-lb. bottle; 1-lb. bottle \$2.00; \$5.50 per 4-lb. bottle; 8-lb. bottle \$10.50.

**Nikoteen.** 40 per cent solution. 4 lbs. \$6.00; \$11.50 per 8 lbs.

**Nicotine Pyrox.** An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. 17.6 ozs. 50c.; \$1.75 per 5 lbs.

**Para-Dichlorobenzene.** For peach-tree borers. Full directions on each package. 1-lb. can 45c.; \$2.10 per 5-lb. can; 10-lb. can \$3.50; \$8.00 per 25-lb. keg; 100-lb. keg \$23.00.

**Paris Green.** A poisonous powder for potato-bugs, worms, caterpillars, slugs, etc. 1/4lb. 20c.; 35c. per 1/2lb.; lb. 55c.; \$2.50 per 5 lbs.; 14 lbs. \$5.75.

**Pomo-Green or Massey Dust.** A leaf-green dust for protecting roses and other flowering plants against insects and fungous diseases. Lb. 40c.; \$1.65 per 5 lbs.

**Pomo-Green with Nicotine.** A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Lb. 65c.; \$2.75 per 5 lbs.

**Pyrethrum Powder.** Valuable as a poison for plant-lice, water-bugs, roaches, etc., also the strawberry moth. Lb. 45c.; \$2.00 per 5 lbs.; 10 lbs. \$3.75.

**Pyrote.** A non-poisonous insecticide for killing both chewing and sucking insects; especially recommended to florists. 1-oz. bottle 35c.; \$1.00 per 6 ozs.; pt. \$2.00; \$10.00 per gal.

**Pyrox.** A combined insecticide and fungicide for all leaf-eating insects, blights and fungous troubles. 25 lbs. \$4.75; \$7.25 per 50 lbs.; 100 lbs. \$12.50; \$30.00 per 300 lbs.

**Rat Paste (Zelio).** The most efficient poison for destroying rats, mice and other rodents. 2-oz. tube 50c.

**RED ARROW INSECT SPRAY (Pyrethrum Soap).** A non-poisonous, efficient insecticide for use against sucking and chewing insects. 1-oz. bottle 30c.; 90c. per 1/4pt.; pt. \$2.75; \$3.60 per qt.; gal. \$10.70; case, 6 gals. \$10.35.

**REVIVO.** Controls the Japanese beetle grub by destroying the grub in the soil; also prevents the growth of crab grass; stunts the growth of chickweed, plantain and dandelion. Ten pounds will cover a space of 250 square feet. 2 lbs. 30c.; \$1.00 per 10 lbs.; 25 lbs. \$1.75; \$5.00 per 100 lbs.; 500 lbs. \$23.50.

**Rotecide.** A non-poisonous insect spray for the control of mealy bugs, white flies, midges, aphids, etc. Not injurious to tender plants and flowers. Qt. \$3.00; \$8.00 per gal.

**ROTENONE DUST.** A non-poisonous dust containing 75 per cent of Rotenone Controls asparagus, bean, and cucumber beetles, leaf hoppers, red spider, thrips, cabbage worms and other leaf-chewing and sucking insects. Lb. 30c.; 90c. per 5 lbs.; 25 lbs. \$4.25; \$16.00 per 100 lbs.

**SCALECIDE.** Used for the destruction of the San Jose Scale. Spray when the trees are dormant. Qt. 65c.; \$1.55 per gal.; 5 gals. \$5.50; \$10.50 per 10 gals.; 30 gals. \$23.00; \$31.00 per 50 gals.

**Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrips, red spider, etc. Qt. 65c.; \$1.25 per gal.; 5 gals. \$5.00; \$15.50 per 30 gals.; 50 gals. \$24.00.

**SELOCIDE.** A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Gal. \$3.00; \$13.50 per 5 gals.

**Semesan (DuBay).** A mercuric disinfectant for the control of many seed, plant, and soil diseases. 1/3oz. 10c.; 35c. per 2 ozs.; lb. \$2.25; \$9.90 per 5 lbs.; 25 lbs. \$45.50; \$171.10 per 100 lbs.

**Semesan Special (DuBay).** A grass disinfectant for brown-patch. 5 lbs. \$7.00; \$33.00 per 25 lbs.; 100 lbs. \$122.85.

**SLUG SHOT, Dust.** For currant worms, rose-slugs, cabbage worms and almost any soft-shelled insects. 1-lb. carton 20c.; 85c. per 5 lbs.; \$2.85 per 25 lbs.; 125-lb. barrel \$11.25; full barrel lots (250 lbs.) \$21.50.

**Slug Shot, Liquid.** We offer this to those who desire to use it as a spray. Oz. 30c.; 90c. per 6 ozs.; 16 ozs. \$2.10; \$3.75 per qt.; gal. \$11.00; \$50.00 per 5 gals.

**SNAROL.** For the control of cutworms, snails, slugs, etc. Non-injurious to vegetation and very economical to use. 1 1/2 lbs. 35c.; 85c. per 4 lbs.; 15 lbs. \$3.00; \$8.00 per 50 lbs.

**Soap (C.P.O.).** For control of many insects on evergreens, flowering plants, fruits and vegetables. 3-oz. bottle 20c.; 60c. per pt.; qt. 95c.; \$2.40 per gal.; 5 gals. \$9.00.

**Soap Spray (Imp.)** An all-round outdoor and greenhouse insecticide. Pt. 60c.; 90c. per qt.; gal. \$2.75; \$11.00 per 5 gals.; 10 gals. \$19.00; \$55.50 per 1/2 bbl. (about 30 gals.).

**Spreader, Grasselli.** This is a combined spreading, sticking, and wetting agent, designed especially for use with agricultural sprays. It has certain well-defined agents in the fact it is compatible with natural hard water, weak acids, and alkalies. It is a liquid and mixes readily with cold water. The principal sticking agent in Grasselli Spreader is a plastic substance that does not harden, crack, or peel when dry. Pt. 75c.; \$4.75 per gal.; 5 gals. \$22.00; \$195.00 per 50 gals.

**Sulrote.** (Rotenone Sulphur Dust.) A non-poisonous dust for lawn flower garden and greenhouse; controls chinch bugs and also gladiolus thrips. Lb. 35c.; \$1.15 per 5 lbs.; 25 lbs. \$4.00; \$15.00 per 100 lbs.

**Sulphate of Copper.** For destroying fungous diseases of all kinds; also used in making Bordeaux mixture and for spraying potato vines in connection with Paris Green. Lb. 15c.; 70c. per 5 lbs.; 10 lbs. \$1.25; \$2.75 per 25 lbs.; 100 lbs. \$9.50.

**Sulphur.** Lb. 10c.; 45c. per 5 lbs.; 10 lbs. 85c.; \$2.00 per 25 lbs.; 100 lbs. \$7.00; barrel lots (about 200 lbs.) 6 1/2c. per lb.

**Sulphur Candles.** For fumigating in sick rooms, also in conservatories and greenhouses. Each 15c.; \$1.50 per doz.

**SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphids, thrips, etc.; cheap, effective and pleasant to handle. Gal. \$1.30; \$5.25 per 5 gals.; 15 gals. \$9.50; \$14.50 per 30 gals.; 55 gals. \$22.00.

**Thrip Juice, Hammond's No. 2.** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Pt. 70c.; \$1.10 per qt.; gal. \$3.50.

**Tobacco Dust, for dusting.** 1-lb. canister, 20c.; 35c. per 5 lbs.; 10 lbs. 60c.; 90c. per 25 lbs.; 100 lbs. \$3.00; \$14.00 per 500 lbs.; 1/2ton \$24.50; \$47.50 per ton.

**Tobacco Dust, for fumigating.** 5 lbs. 40c.; \$1.15 per 25 lbs.; 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. \$18.00.

**Tobacco Stems (Fresh).** 5 lbs. 25c.; 40c. for 10 lbs.; 25 lbs. 75c.; large bales at 1 3/4c. per lb.; 1/2ton \$12.50; \$22.50 per ton.

**TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. 6 ozs. 35c.; 65c. per lb.; 5 lbs. \$3.15; \$6.10 per 10 lbs.; 25 lbs. \$12.75.

**Tri-ogen.** A combined spray; complete protection against plant insects and diseases. Small kit (makes 16 qts.) \$1.40; \$3.75 for medium kit (makes 64 qts.); large kit (makes 32 gals.) \$5.50.

**VOLCK (Garden).** A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc.; also acts as a repellent. 3 1/2 ozs. 35c.; \$1.00 per pt.; qt. \$1.50; \$4.00 per gal.

**Volck (Nursery).** A mineral-oil spray for use on growing plants in greenhouse and garden. It is not to be confused with "Garden Volck," which contains soap and nicotine. 1/2pt. 35c.; 75c. per qt.; gal. \$2.00; \$6.25 per 5 gals.; 14 gals. \$14.00; \$25.00 per 28 gals.

**Volck (Greenhouse).** A special Volck for use on tender plants or in the greenhouse. Very effective against mealy bug. Qt. 75c.; \$2.00 per gal.; 5 gals. \$7.50; \$25.00 per 28 gals.

**WETTABLE SULPHUR. Dritomic.** A new and greatly improved summer fungicide containing 95 per cent Sulphur of 325-mesh fineness. It wets immediately upon being placed in water and will stay in suspension indefinitely. Ideal for wet spraying of fruit and ornamental trees to control scab rot, leaf-spot, mildew, rust, etc. Lb. 15c.; 25c. per 2 lbs.; 5 lbs. 50c.; \$4.50 per 50 lbs.

**WILSON'S O. K. PLANT SPRAY.** A powerful, efficient insecticide for aphids, red spider, mildew, scale, etc. Qt. \$1.00; \$3.00 per gal.; 5 gals. \$12.00; \$22.00 per 10 gals.; 30 gals. \$57.00; \$90.00 per 50 gals.

**Worm Destroyer.** For earthworms. A powder to be distributed over a given surface and soaked with water. 100-lb. bag \$4.50; \$16.50 per 500 lbs.; 1/2ton \$31.50; \$60.00 per ton.

**X. L. All Insecticide Compound.** An English preparation for spraying. Harmless to very delicate plants. Kills mealy bug, red spider and many other insect pests. Gal. \$8.50.

ALL PRICES SUBJECT TO MARKET CHANGES

# Michell's High-Grade Fertilizers

Please Note.—No smaller quantity of Fertilizer than here offered can be supplied

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25 lbs. (sufficient to make ½ ton of manure) \$1.90; \$10.00 per 150 lbs.; 600 lbs. \$40.00; \$138.00 per 2100 lbs.

**All-Crop Fertilizer.** For all vegetable crops, grain, grass, etc. 100 lbs. \$3.00; \$5.00 per 200 lbs.; ½ton \$21.50; \$42.00 per ton.

**Ashes, Canada Hardwood.** Apply 1000 lbs. per acre. 25 lbs. 85c.; \$1.50 per 50 lbs.; 100 lbs. \$2.75; \$4.25 per 200-lb. bbl.; ½ton \$19.00; \$36.00 per ton.

**Blood, Bone and Potash.** 100 lbs. \$3.50; \$31.00 per ½ton; ton \$60.00.

**Blood, Dried.** For indoor culture of flowering plants like roses, carnations, etc. 5 lbs. 65c.; \$1.10 per 10 lbs.; 25 lbs. \$1.75; \$3.25 per 50 lbs.; 100 lbs. \$5.00; \$23.00 per 500 lbs.

**Blood Flour.** Similar to dried blood. 5 lbs. 75c.; \$1.25 per 10 lbs.; 25 lbs. \$2.00; \$3.50 per 50 lbs.; 100 lbs. \$6.00; \$25.00 per 500 lbs.

**Bone, Coarse Ground.** Apply 800 to 1000 lbs. per acre. \$4.50 per 100 lbs.; ½ton \$37.50; \$73.00 per ton.

**Bone Flour.** 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$31.00 per ½ ton; ton \$60.00.

**Bonemeal. Michell's Special Florists' Brand.** Apply 800 to 1000 lbs. per acre. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$5.50 per 200 lbs.; ½ton \$23.50; \$45.00 per ton.

**Bovung.** A natural cow-manure containing not less than 75 per cent organic matter, thoroughly dehydrated and well pulverized. Free from live weed seeds. Excellent for potted and field-grown plants as well as upon lawns. 25 lbs. 85c.; \$1.35 per 50 lbs.; 100 lbs. \$2.50; \$11.50 per 500 lbs.; ½ton \$22.00; \$40.00 per ton.

**Clay's Fertilizer.** 28 lbs. \$3.25; \$5.50 per 56 lbs.; 112 lbs. \$10.00.

**Cottonseed Meal.** Apply 800 lbs. per acre. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$31.00 per ½ton; ton \$60.00.

**Cow or Cattle Manure, Pulverized or Shredded.** Thoroughly sterilized and weedless. F.o.b. Philadelphia, 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$25.00 per ½ton; ton \$47.00.

**Cow or Cattle Manure.** F.o.b. Chicago, 100 lbs. \$2.75; \$10.00 per 500 lbs.; ½ton \$19.00; \$35.00 per ton.

**Floranid.** A concentrated organic nitrogen fertilizer. A half pound is sufficient to treat 100 square feet of ground. Lb. 25c.; 90c. per 5 lbs. 10 lbs. \$1.45; \$2.65 per 25 lbs.; 100 lbs. \$9.00.

**Hormodin.** A root-forming chemical for stimulating rapid root-growth on cuttings, simply by placing the basal ends in the solution before planting them in the bench. Cutting so treated root quicker and have more growing roots per cutting. Each package contains a calibrated, easy-to-use measure, complete directions, and a treatment chart. Price, 20-unit size, 50c.; \$1.00 per 60-unit size; 240-unit size, \$2.50; \$4.50 per 480-unit size; 960-unit size, \$8.00.

**Horn Shavings.** 5 lbs. 80c.; \$1.35 per 10 lbs.; 25 lbs. \$2.25; \$3.75 per 50 lbs.; 100 lbs. \$6.50; \$12.50 per 200 lbs.; 500 lbs. \$31.00.

**Hortobacco, Michell's.** A complete combined fertilizer and insecticide. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$23.50 per ½ton; ton, \$45.00 f.o.b. Philadelphia (\$40.00 per ton, f.o.b. factory.).

**Hyper-Humus.** Especially desirable for mixing with potting soil. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 65c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$6.75 per 500 lbs.; ½ton \$10.00; \$19.50 per ton. Carload lots in bulk, \$9.00 per ton, f.o.b. factory.

**Kainit (Potash Salts).** Apply 800 to 1000 lbs. per acre. 5 lbs. 30c.; 55c. per 10 lbs.; 25 lbs. 85c.; \$2.25 per 100 lbs.; ½ton \$16.50; \$32.00 per ton.

**Land Plaster.** Apply about 1500 to 2000 lbs. per acre. 25 lbs. 75c.; \$1.00 per 50 lbs.; 100 lbs. \$1.75; \$15.00 per ½ton; ton \$27.50.

**Lime, Hydrated or Powdered.** 25c. per 10-lb. box; 50 lbs. 75c.; \$1.25 per 100 lbs.; 500 lbs. \$6.00; \$10.00 per ½ton; ton \$17.50.

**Limestone, Pulverized.** Apply 1 ton per acre. 100-lb. bag 90c.; \$4.25 per 500 lbs.; ½ton \$8.25; \$16.00 per ton.

**Michell's Lawn Dressing and Fertilizer.** Apply 1000 lbs. per acre. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$4.00; \$33.50 per ½ton; ton \$65.00.

**Mum Manure, Smith's.** A perfect food for Mums and other flowers, either under glass or in the garden. 50 lbs. \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over, at \$3.50 per 100 lbs.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.50 per 200 lbs.; ½ton \$29.00; \$55.00 per ton.

**Nitrate of Soda.** Apply 100 to 150 pounds per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$31.00 per ½ton; ton \$60.00.

**Nitrophoska.** A well-balanced, quick-acting food for all purposes in the garden or lawn. Analysis: Nitrogen, 15 per cent; Phosphoric Acid, 30 per cent; Potash, 15 per cent. Lb. 25c.; 90c. per 5 lbs.; 10 lbs. \$1.45; \$2.70 per 25 lbs.; 100 lbs. \$6.00.

**Peat Moss, Torf Mull (Imported, Granulated).** ¼-size bale \$1.60; \$3.50 per large bale; 10-bale lots, \$3.25 per bale.

**Peat Moss, (Hyper).** A domestic product, similar to the best grades of imported Peat Moss. Large bales (22 bus.) only, \$4.00.

**Philogan.** A natural manure for all crops. The ideal food for carnations, roses, sweet peas, etc. 100 lbs. \$1.75; \$13.50 per ½ton; ton, \$25.00.

**Phosphate, Ammoniated.** Apply 800 to 1000 lbs. per acre broadcast. 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$5.00 per 200 lbs.; ½ton \$21.50; \$42.00 per ton.

**Phosphate, Super or Acid (16 per cent).** Apply 1000 lbs. per acre. 10 lbs. 40c.; 75c. per 25 lbs.; 100 lbs. \$1.85; \$3.25 per 200 lbs.; ½ton \$12.50; \$22.50 per ton.

**Plantabs.** An odorless plant-food in tablet form, for all plants in the house or garden. Pkgs. of 30 tablets 25c., \$2.00 per doz.; pkgs. of 75 tablets 50c., \$4.00 per doz.; pkg. of 200 tablets \$1.00, \$8.00 per doz.; can of 1000 tablets \$3.50, \$37.80 per doz. cans.

**Rootone.** The plant Hormone powder. Roots cuttings faster and makes more roots. Just dip cuttings in the dry powder and set in the propagating bed. Seeds and bulbs root faster and flower sooner when dusted before planting. 2-oz. jar, \$1.00; \$5.00 per 1-lb. can.

**Salt.** For agricultural purposes. Apply 800 lbs. per acre. 100 lbs. \$2.00; \$3.50 per 200 lbs.; ½ton \$14.00; \$24.00 per ton.

**Sheep Manure, Wizard Brand.** Apply 1000 lbs. per acre. 5 lbs. 35c.; 60c. per 10 lbs.; 25 lbs. \$1.15; \$1.85 per 50 lbs.; 100 lbs. \$3.00; \$25.00 per ½ton; ton \$47.00.

**Sheep Manure, Wizard Brand.** F.o.b. Chicago. 100 lbs. \$2.75; \$10.00 per 500 lbs.; ½ton \$19.00; \$35.00 per ton.

**Soot, Imported Scotch.** 5 lbs. 50c.; 85c. per 10 lbs.; 25 lbs. \$1.50; 100 lbs. \$4.00; \$17.00 per 500 lbs.

**Steriloam.** Makes every good seed grow. Steriloam assures 100 per cent germination of fertile seeds. There is no longer any reason for failures because in Steriloam all seed enemies are eliminated. 10 lbs. \$1.25; \$2.00 per 25 lbs.; 50 lbs. \$3.50; \$6.00 per 100 lbs.

**Stim-U-Plant.** A plant-food in tablet form. Pkg. of 30 tablets 25c.; 75c. per pkg. of 100 tablets; 1000 tablets \$3.50.

**Sulphate of Aluminum.** Especially adapted for fertilizing rhododendrons and other plants requiring an acid soil. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$3.50 per 100 lbs.; ½ton \$25.50; \$50.00 per ton.

**Sulphate of Ammonia.** Apply 75 to 100 pounds per acre only with other fertilizers deficient in nitrogen. Analysis: Equal to 25 per cent of ammonia. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.; ½ton, \$31.00; \$60.00 per ton.

**Sulphate of Potash.** Apply 100 to 125 pounds per acre, usually with other fertilizers. Analysis: Equal to 50 per cent of actual potash. 5 lbs. 45c.; 75c. per 10 lbs.; 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$3.75; \$7.25 per 200 lbs.

**Tankage.** 10 lbs. 75c.; \$1.35 per 25 lbs.; 50 lbs. \$2.00; \$3.50 per 100 lbs.; ½ton \$29.00; \$55.00 per ton.

**Terogen.** An autumn and winter ground-dressing. Lb. 65c.; \$1.15 per 2 lbs.; 5 lbs. \$2.50; \$4.50 per 10 lbs.; 25 lbs. \$10.00; \$20.00 per 50 lbs.; \$37.50 per 100 lbs.

**Tobacco Stems.** 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 75c.; bale lots at 1¾c. per lb.; ½ton \$12.50; \$22.50 per ton.

**Tree Food, Michell's.** A wonderful fertilizer for fruit and shade trees. 25 lbs. \$1.35; \$2.25 per 50 lbs.; 100 lbs. \$4.00; \$33.50 per ½ton; ton \$65.00.

**Vigoro.** A specially prepared food. 5 lbs. 45c.; 85c. per 10 lbs.; 25 lbs. \$1.50; \$2.50 per 50 lbs.; 100 lbs. \$4.00.

**Vita-Vim.** The non-acid tonic food, especially suited to the exacting requirements of under-glass feeding. Excellent for mixing in potting soil for poinsettias, hydrangeas, cyclamen, cinerarias, begonias, and geraniums and for bench soil of roses, carnations, chrysanthemums, and snapdragons. Lb. 35c.; 75c. per 5 lbs.; 25 lbs. \$1.75; \$3.00 per 50 lbs.; 100 lbs. \$5.50.

**Wheat Fertilizer.** For grass and grain crops. Apply 800 lbs. per acre. 100 lbs. \$3.00; \$5.00 per 200 lbs.; ½ton \$23.50; \$45.00 per ton.

**Wonder Worker Fertilizer.** A high-grade animal-base fertilizer, for growing all vegetable crops. 100 lbs. \$3.50; \$31.00 per ½ton; ton \$60.00.

ALL PRICES SUBJECT TO MARKET CHANGES



# ORDER SHEET

**Please do not ask questions on this order sheet, but write them, and all communications requiring an answer on a separate sheet and enclose with order, to insure a more speedy reply**

ORDER NO.

**HENRY F. MICHELL CO.** 516-518 MARKET ST.  
PHILADELPHIA, PA.

Please DO NOT Write  
in This Space

[illegible][illegible]

**HENRY F. MICHELL CO.** give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

SEE OTHER SIDE



# MICHELL'S FALL BULBS, 1939

This list contains Wholesale Prices which were omitted from our Catalog.

ALL PRICES SUBJECT TO MARKET CHANGES

## Hyacinths

	Doz.	100	1000
Single. Monster size, 19 ctm. up .....	\$1.50	\$8.75	\$78.00
Single. First size named, 18-19 ctm. ....	1.25	7.75	70.00
Single. Second size named, 17-18 ctm. ....	1.00	6.50	56.00
Single. Third size named, 16-17 ctm. ....	.85	5.50	47.00
Dutch Miniature, 14-15 ctm.	.70	4.50	37.00
French Roman, White, 11-12 ctm. ....	.70	4.75	41.00
French Roman, White 12-15 ctm. ....	.80	5.75	51.00
French Roman, White, 13-15 ctm. ....	1.00	7.00	65.00
French Roman, White, 14-15 ctm. ....	1.25	8.50	77.50
French Roman, Light Blue	.70	4.75	42.50
French Roman, Light Pink	.75	5.00	45.00

## Tulips, Darwin

Afterglow .....	.45	3.00	25.00
Allard Pierson .....	.45	2.75	24.00
Baronne de la Tonnaye ..	.45	2.75	24.00
Bartigon .....	.45	2.75	24.00
Bleu Aimable .....	.45	3.00	25.00
Centenaire .....	.45	3.00	25.00
City of Haarlem .....	.55	3.75	33.00
Clara Butt .....	.45	2.75	24.00
Dream .....	.45	2.75	24.00
Farncombe Sanders .....	.45	2.75	24.00
Faust .....	.55	3.75	32.00
Golden Fleece .....	.50	3.00	26.00
King George V .....	.55	3.75	32.00
La Fiancee .....	.50	3.25	28.00
La Tulip Noire .....	.50	3.25	28.00

## Tulips, Darwin—Continued

	Doz.	100	1000
Le Notre .....	\$0.50	\$3.00	\$26.00
Lilac Wonder .....	.55	4.00	35.00
Mme. Krelage .....	.45	2.75	24.00
Matchless .....	.45	2.75	24.00
Pride of Haarlem .....	.45	2.75	24.00
Princess Elizabeth .....	.50	3.00	26.00
Professor Rauwenhoff ...	.45	2.75	24.00
Rev. H. Ewbank .....	.45	2.75	24.00
Rose Copeland .....	.50	3.50	30.00
The Bishop .....	.75	4.75	42.50
Venus .....	.50	3.50	30.00
W. Copeland .....	.45	2.75	24.00
White Queen .....	.50	3.00	26.00
William Pitt .....	.50	3.00	25.00
Yellow Giant .....	.50	3.25	28.00
Zwanenburg .....	.55	3.75	33.00
Mixed .....	.40	2.75	23.00

## Tulips, May-Flowering or Cottage

Albino .....	.55	3.75	33.00
Ambrosia .....	.50	3.50	30.00
Argo .....	.50	3.25	28.00
Avis Kennicott .....	.50	3.50	30.00
Carrara .....	.55	3.75	32.00
Dido .....	.50	3.25	28.00
Gesneriana Lutea .....	.50	3.25	28.00
Gesneriana Spathulata ...	.50	3.25	28.00
Grenadier .....	.50	3.25	28.00
Inglescombe Pink .....	.50	3.25	28.00
Inglescombe Yellow .....	.45	3.00	26.00
John Ruskin .....	.50	3.25	27.00
Moonlight .....	.50	3.25	28.00
Mrs. Moon .....	.50	3.25	28.00
Orange King .....	.50	3.25	28.00
Picotee .....	.50	3.25	28.00
Rosabella .....	.55	3.75	32.00
Mixed .....	.45	3.00	27.00

(See other side)



# ALL PRICES SUBJECT TO MARKET CHANGES

## Tulips, Dutch Breeder

	Doz.	100	1000
Apricot .....	\$0.50	\$3.50	\$30.00
Bacchus .....	.50	3.50	30.00
Bronze Queen .....	.45	3.00	25.00
Cardinal Manning .....	.50	3.50	30.00
Dom Pedro .....	.50	3.50	30.00
Indian Chief .....	.85	5.50	50.00
Louis XIV .....	.50	3.50	30.00
Lucifer .....	.55	4.00	35.00
Panorama .....	.50	3.50	30.00
Pink Pearl .....	.55	3.75	32.00
Prince of Orange .....	.50	3.50	30.00
Yellow Perfection .....	.50	3.50	30.00
Mixed .....	.45	3.00	25.00

## Tulips, Bunch Flowered

Monsieur Mottet .....	.50	3.50	30.00
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## Tulips, Botanical

Clusiana .....	.50	3.50	30.00
Eichleri .....	.55	3.75	32.50
Kaufmanniana .....	.80	5.00	45.00
Marjoletti .....	.50	3.50	30.00
Sylvestris .....	.55	3.75	32.50

## Tulips, Lily Flowering

Alaska .....	.55	3.75	32.50
Artemis .....	.55	3.75	32.50
Sirene .....	.50	3.50	30.00

## Tulips, Parrot

Fantasy .....	.50	3.50	30.00
Sundew .....	.50	3.25	28.00
Mixed .....	.45	3.25	28.00

## Tulips, Single Early

Belle Alliance .....	.50	3.25	28.00
Brilliant Star .....	.50	3.25	28.00
Chrysolora .....	.50	3.25	27.00
Couleur Cardinal .....	.50	3.50	29.00
Cramoisi Brilliant .....	.50	3.25	28.00

## Tulips, Single Early—Continued

	Doz.	100	1000
De Wet .....	\$0.55	\$3.75	\$32.00
Flamingo .....	.50	3.25	27.00
Fortuna .....	.50	3.25	28.00
Fred Moore .....	.50	3.25	27.00
Ibis .....	.45	3.00	26.00
Keizerkroon .....	.60	4.00	35.00
Lady Boreel .....	.50	3.50	30.00
Pink Beauty .....	.55	3.75	34.00
Prince of Austria .....	.45	3.00	26.00
Rising Sun .....	.50	3.25	27.00
Rose Luisante .....	.50	3.50	29.00
Thomas Edison .....	.55	3.75	32.00
Van der Neer .....	.50	3.25	28.00
Vermillon Brilliant .....	.50	3.50	30.00
White Hawk .....	.50	3.50	29.00
Yellow Prince .....	.50	3.25	27.00
Mixed. Superfine quality..	.45	3.00	26.00

## Tulips, Double Early

Azalea .....	.50	3.25	28.00
Boule de Neige .....	.50	3.50	30.00
Couronne d'Or .....	.50	3.50	30.00
Electra .....	.50	3.25	28.00
Imperator Rubrorum .....	.55	3.75	32.50
Mr. van der Hoef .....	.50	3.25	28.00
Murillo .....	.50	3.25	28.00
Mystery of India .....	.60	4.00	35.00
Orange Nassau .....	.55	3.75	32.50
Peach Blossom .....	.50	3.25	28.00
Tea Rose .....	.50	3.50	29.00
Toreador .....	.50	3.50	30.00
Triumphator .....	.50	3.50	29.00
Vurrbaak .....	.55	3.75	32.50
Mixed. Superfine quality..	.45	3.00	27.00

Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity, or productiveness of any seeds, plants, or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, he must notify us at once, and we will give instructions for disposition of the goods.

# MICHELL'S SEED HOUSE

516 and 518 Market Street

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# MICHELL'S RELIABLE NARCISSUS BULBS



Top, OLYMPIA  
Bottom, VAN WAVEREN'S GIANT



SPRING GLORY



LAURENS KOSTER

**HENRY F. MICHELL CO., 516-518 Market St., PHILA., PA.**